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**RESERVE**  
United States  
Department of  
Agriculture

Soil  
Conservation  
Service

Salt Lake City  
Utah



# WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department  
of Natural Resources



May 1, 1982

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent of surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1,900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: LONE CONE, NEAR NORWOOD, COLORADO

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

<u>STATE</u>	<u>ADDRESS</u>
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mexico)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4418 Federal Bldg., 125 South State St., Salt Lake City, Utah 84147
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 -- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 -- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 -- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



# FOR UTAH

## FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

**PETER C. MYERS**

**SOIL CONSERVATION SERVICE  
WASHINGTON, D.C.**

**GEORGE D. McMILLAN**  
**STATE CONSERVATIONIST**  
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**SALT LAKE CITY, UTAH**

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

**DANIEL F. LAWRENCE**

Director

## Division of Water Resources

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**Soil Conservation Service  
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Salt Lake City, Utah 84147**



As Of May 1, 1981

\* \* \* \* \*  
\* Utah's 1982 Water Supply Outlook now ranges from below \*  
\* average in Southern Utah to much above average in \*  
\* portions of Central and Northern Utah. Snow cover \*  
\* varies from no snow in the southwestern part of the \*  
\* state to 188% of average on Strawberry River. Reservoir\*  
\* storage is 107% of the May 1 average and streamflow \*  
\* forecasts range from 48% of average on the Santa Clara \*  
\* to 305% for Minersville inflow. \*  
\* \* \* \* \*

#### SNOW COVER

Snow measurements as of May 1 varied from no snow in the Enterprise-New Harmony area to 188% of average on Strawberry River. Other areas of the state range from 29% of average on Blue Mountains, 65% on LaSal Mountain, 117% on the Virgin, 116% on South Fork Sevier, 135% on the East Fork Sevier, 141% on the Beaver River, 147% on the San Rafael, 159% on the Price, 112% on the Lower Sevier, 150% on the Provo, 139% on the Weber, 151% on the Ogden, 154% on the Logan with some snow courses showing 2 to 3 times average, 128% on the Upper Bear, 121% on Black's Fork, 115% on Ashley Creek, and 135% on Lakefork-Yellowstone Creeks.

#### PRECIPITATION

April precipitation at mountain stations ranged from 21% of average at Stuart Ranger Station on Huntington Creek to 137% of average for Garden City Summit between Bear Lake and Logan and Duck Creek Ranger Station on the head of the Sevier.

#### SOIL MOISTURE

Watershed soil moisture is near average under the snow pack and will improve as snow melt progresses. Medium and lower elevation soils are beginning to dry out.

#### RESERVOIR STORAGE

Storage in 24 of Utah's key irrigation reservoirs is 107% of the May 1 average and 81% of useable capacity. Practically all reservoirs are expected to fill this season. The Great Salt Lake is now at 4200.40 feet. It rose 0.50 feet during April but is 0.35 feet lower than a year ago. Utah Lake is 0.55 feet above compromise.

## STREAMFLOW FORECASTS

Forecasts of streamflow for the May-July period now range from 48% of average on the Santa Clara to 305% for the inflow to Minersville Reservoir. Most other forecasts range from 120 to 170% of average.

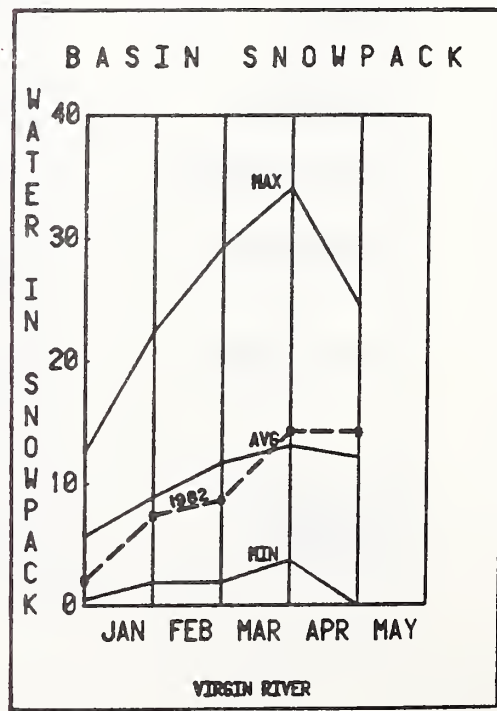
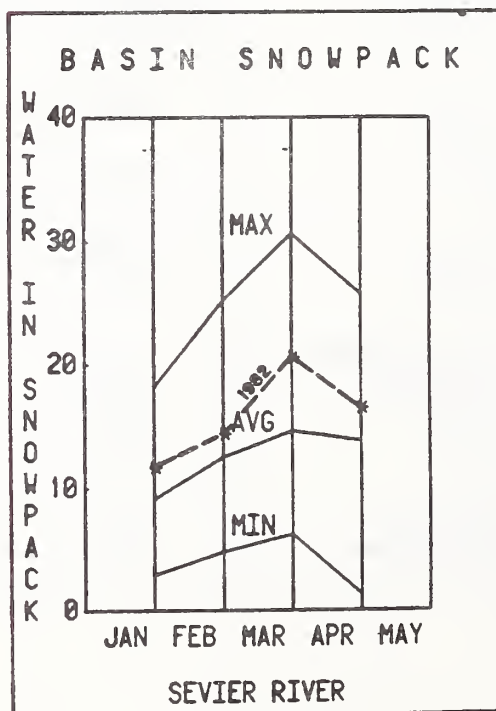
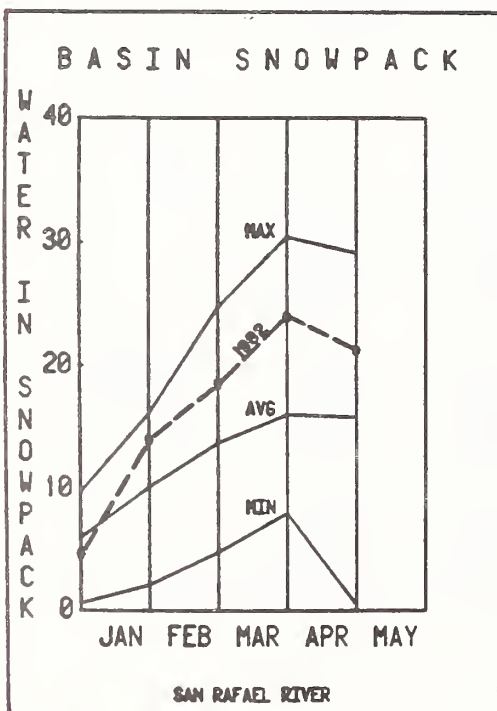
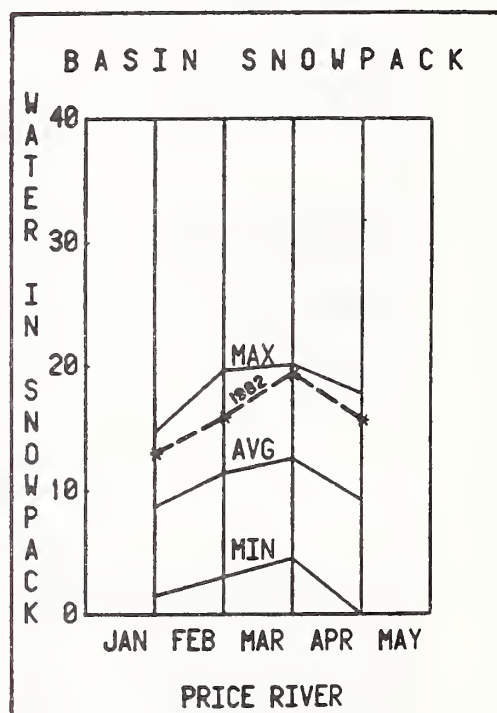
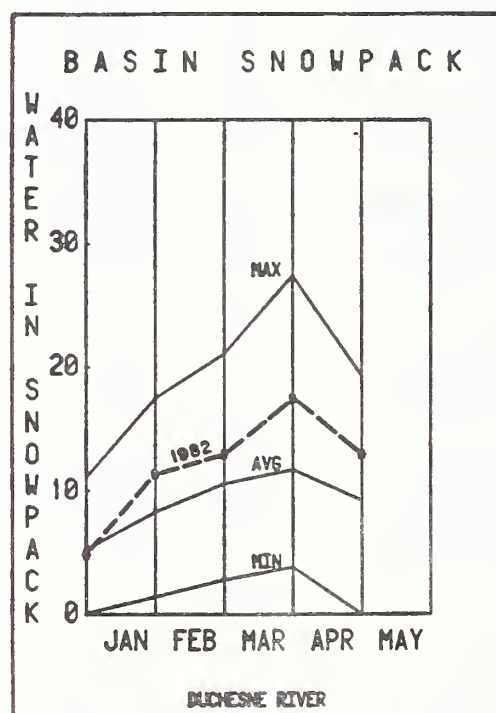
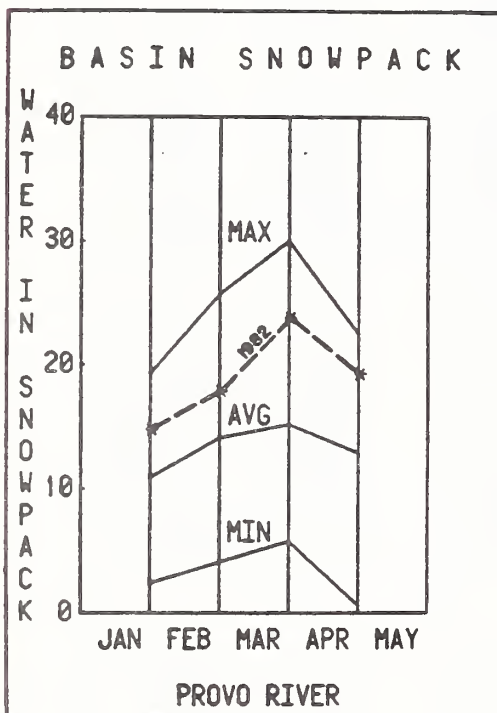
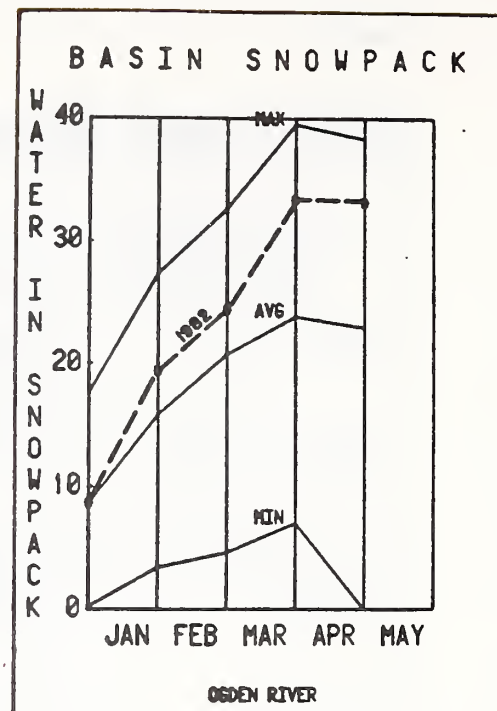
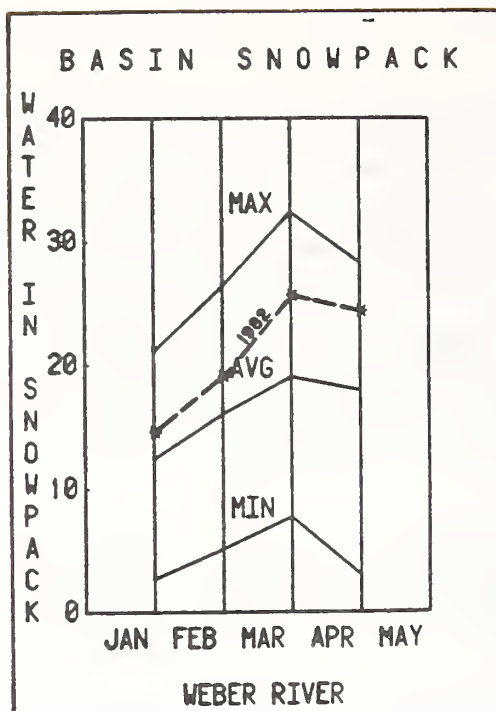
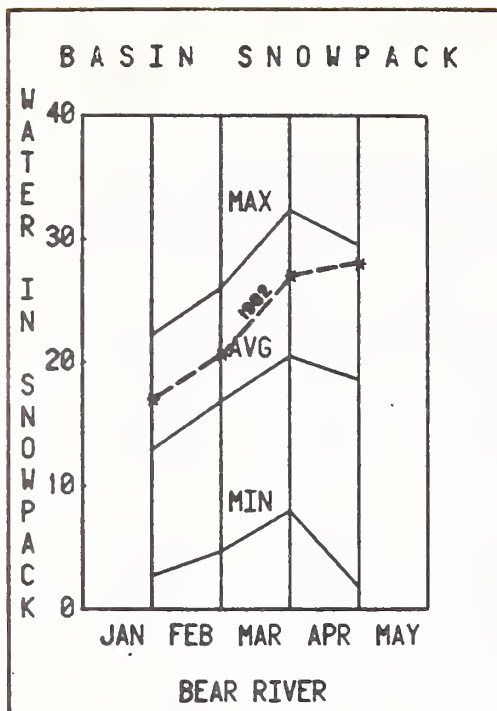
Water supplies are expected to be average to above average for all users except in smaller streams or streams without stored water in the southern 1/4 of the state.

Mean daily peak flows are expected to be about 1-1/2 to 2 times average on the Logan, Little Bear, Strawberry, Ferron, and Muddy. Precautions should be taken to protect property near these and other stream channels where forecasts are higher than average this season.



**RESERVOIR STORAGE (Thousand Acre Feet)** END OF MONTH May 1, 1982

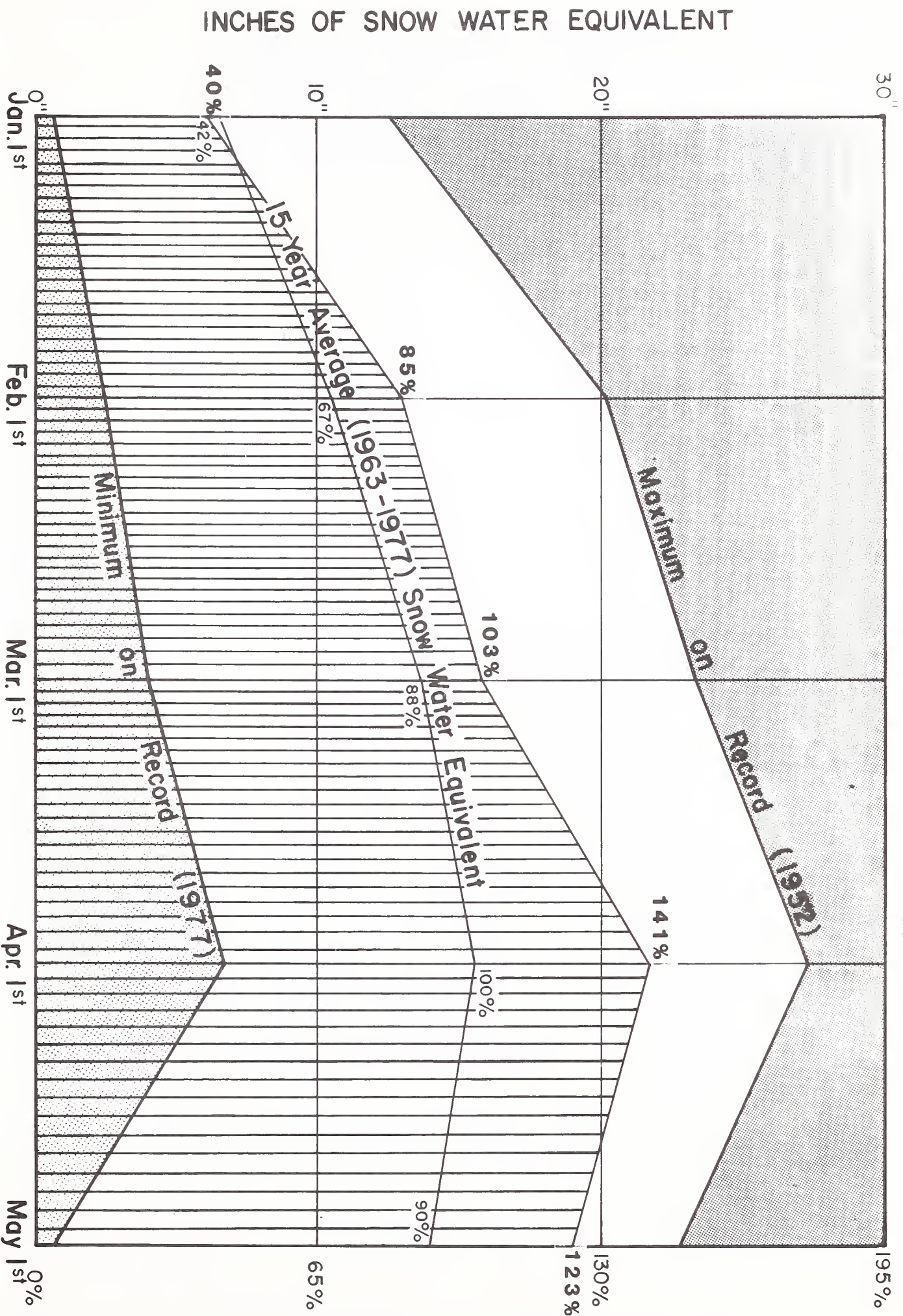
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1003.7	1070.2	1098.4
	Woodruff Narrows	573	56.8	45.5	25.7
<u>Beaver River</u>	Minersville (RkyFd)	23.3	19.9	24.6	15.3
<u>Little Bear</u>	Hyrum	15.3	10.2	15.7	13.4
	Porcupine	11.3	11.9	8.0	8.7
<u>Ogden</u>	Causey	6.9	3.4	6.9	2.3 <sup>b</sup>
	Pineview	110.1	78.3	73.3	76.9
<u>Provo</u>	Deer Creek	149.7	125.7	140.4	115.1
<u>Settlement Creek</u>	Settlement Creek	1.2	0.7	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
<u>Sevier River</u>	Gunnison	18.2	18.2	--	14.9
	Otter Creek	52.5	54.2	52.5	39.5
	Piute	71.8	66.8	67.6	47.1
	Sevier Bridge	236.0	217.2	225.4	144.6
<u>Spanish Fork</u>	Strawberry	270.0	193.0	227.2	166.0
<u>Utah Lake</u>	Utah Lake	883.9	936.7	871.6	775.0
<u>Weber</u>	East Canyon	48.1	35.8	42.4	33.1
	Echo	73.9	20.7	70.2	55.2
	Lost Creek	20.0	13.0	18.5	13.9 <sup>b</sup>
	Rockport	60.9	35.2	57.4	37.2
	Willard Bay	193.3	159.0	184.7	162.9
COLORADO RIVER BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	25.5	30.1	23.7
<u>Colorado</u>	Blue Mesa	829.5	237.7	390.0	--
	Lake Powell	25002.0	19859.0	21512.0	--
<u>Green</u>	Flaming Gorge	3749.0	2636.4	2955.3	--
<u>Lakefork</u>	Moon Lake	35.8	17.7	17.7	19.0
<u>Price River</u>	Scotfield	65.8	43.2	55.1	36.9
<u>San Juan</u>	Navajo	1696.0	1283.9	1246.0	--
	Ken's Lake	2.7	1.2	0.9	--
<u>San Rafael</u>	Huntington North	3.9	3.3	5.4	3.9 <sup>b</sup>
	Joe's Valley	54.6	31.9	46.6	39.1 <sup>b</sup>
	Mill Site	16.7	8.5	11.7	--
<u>Strawberry</u>	Starvation	165.3	123.9	165.3	--
<u>Uintah</u>	Bottle Hollow	11.3	11.0	11.3	--





# UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



PERCENT OF APRIL 1<sup>st</sup> SNOW WATER EQUIVALENT

1982 Snowpack



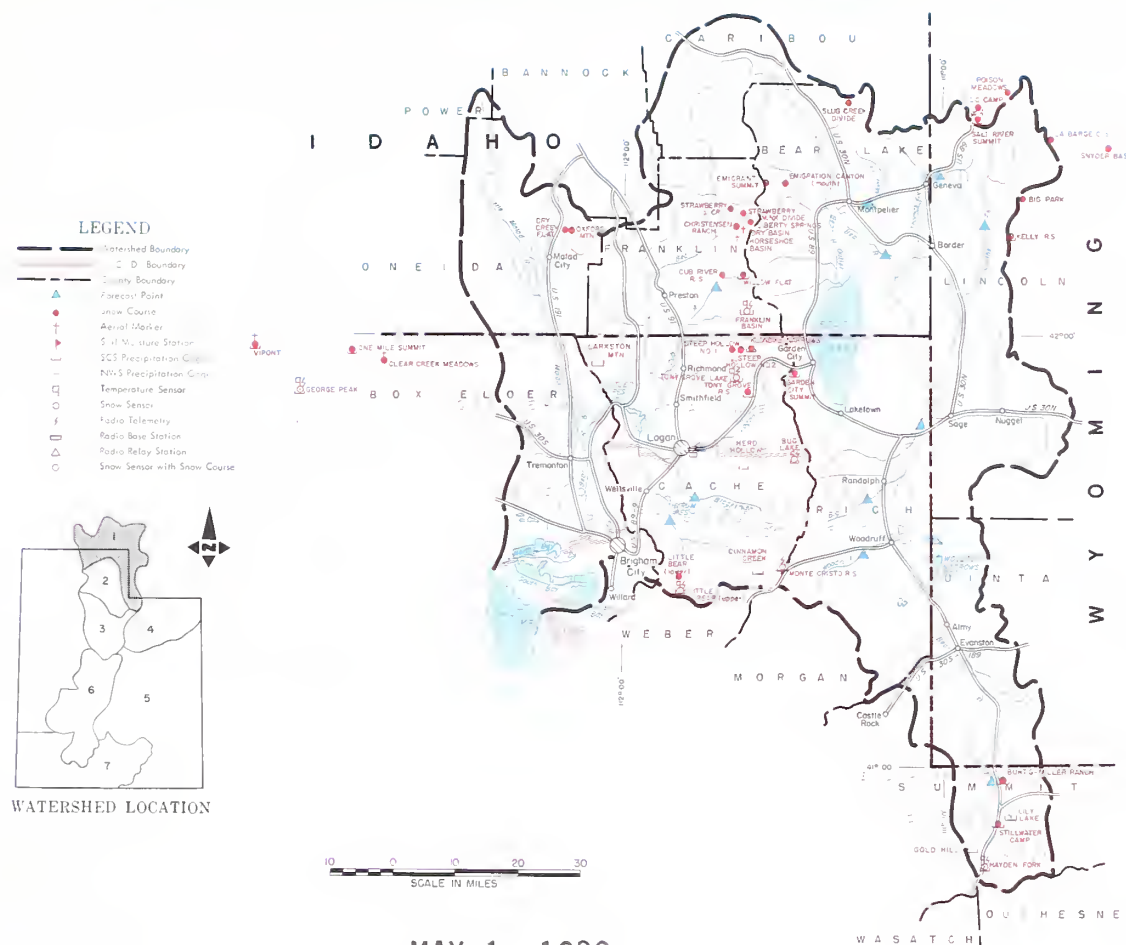




# WATER SUPPLY OUTLOOK

## BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



### THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

**SNOW COVER** as of May 1 measurements range from 128% on the Upper Bear to 154% on Logan River. Five snow courses out of seven on Logan River have set new record high May 1 water content values.

**PRECIPITATION** at mountain stations ranged from 103% at Burts-Miller Ranch to 137% of the April average at Garden City Summit.

**SOIL MOISTURE** under the snow pack is near average and will improve as snow melt progresses.

**RESERVOIR STORAGE** is near average with Bear Lake at 91% of the May 1 average, Porcupine and Woodruff Narrows are full and Hyrum expected to fill very soon.

**STREAMFLOW FORECASTS** range from 123% of the April-July period average for the Bear at Utah-Wyoming line to 160% for the Little Bear near Paradise for the May-June period.

Peak flows are expected to be in the 120 to 160% of average range and precautions should be taken to protect property near stream channels.

All water users in this area are expected to have above average water supplies this year.

# BEAR RIVER BASIN IN UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	134	123	May-July	92.1	109
Bear nr Woodruff	188	149	May-July	95.1	126
Woodruff Crk nr Woodruff, UT	20	126	May-July	--	16.3
Big Creek nr Randolph, UT	6.8	141	May-July	--	4.8 <sup>b</sup>
Bear nr Randolph	133	145	May-July	--	92
Thomas Fork nr UT-WY State Ln	40	134	May-Sept	--	30
Smith's Fork nr Border, WY	147	131	May-Sept	--	112
Bear at Harer, Idaho 1/	336	124	May-Sept	--	271
Logan nr Logan 1/	132	126	May-July	57.5	104
Blacksmith Fork nr Hyrum	59	148	May-July	17.6	40
Little Bear nr Paradise	42	160	May-June	60	26
Cub River nr Preston, ID	62	126	May-Sept	--	49
1/ Observed flow corrected for change in storage and diversions					
2/ Provisional flows - Subject to correction					
b - Average of all past record - less than 15 years					

## SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	20	502	147
UPPER BEAR RIVER	6	398	128
LOWER BEAR RIVER	14	542	153
LOGAN RIVER	7	437	154

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
BEAR RIVER	Bear Lake	1421.0	1003.7	1070.2	1098.4
	Woodruff Narrows	55.7	56.8	45.5	25.7
LITTLE BEAR	Hyrum	15.3	10.2	15.7	13.4
	Porcupine	11.3	11.9	8.0	8.7
+ - 1963-77 15 year Average Period					
e - estimated					

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Big Creek nr Randolph	60-100	63
Logan River nr Logan	1150-1450	1016
Woodruff Creek nr Woodruff	310-450	239
Little Bear nr Paradise	610-770	507
Bear nr. Ut.-Wyo. Stateline	1770-2140	1600
(a) - Maximum mean daily peak flow		

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Burts-Miller Ranch	4/26	10	4.0	0.0	3.0
Cub River R.S.	4/25	1	0.6	0.0	0.0
Emigrant Summit	4/30	79	35.3	3.3	24.9
Franklin Basin	4/25	93	41.2	11.7	27.0
Hayden Fork	4/26	52	21.3	10.4	16.7
Klondike Narrows	4/25	62	28.4	0.2	16.8

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Little Bear Lower	4/25	10	4.9	0.0	2.1
Little Bear Upper	4/25	20	9.2	0.0	6.7
Monte Cristo	4/25	84	37.4	11.0	27.6
Salt River Summit	4/29	50	18.8	1.1	15.4
Stillwater Camp	4/26	36	12.3	4.3	10.2 <sup>b</sup>
Tony Grove R.S.	4/25	30	14.4	0.0	3.8

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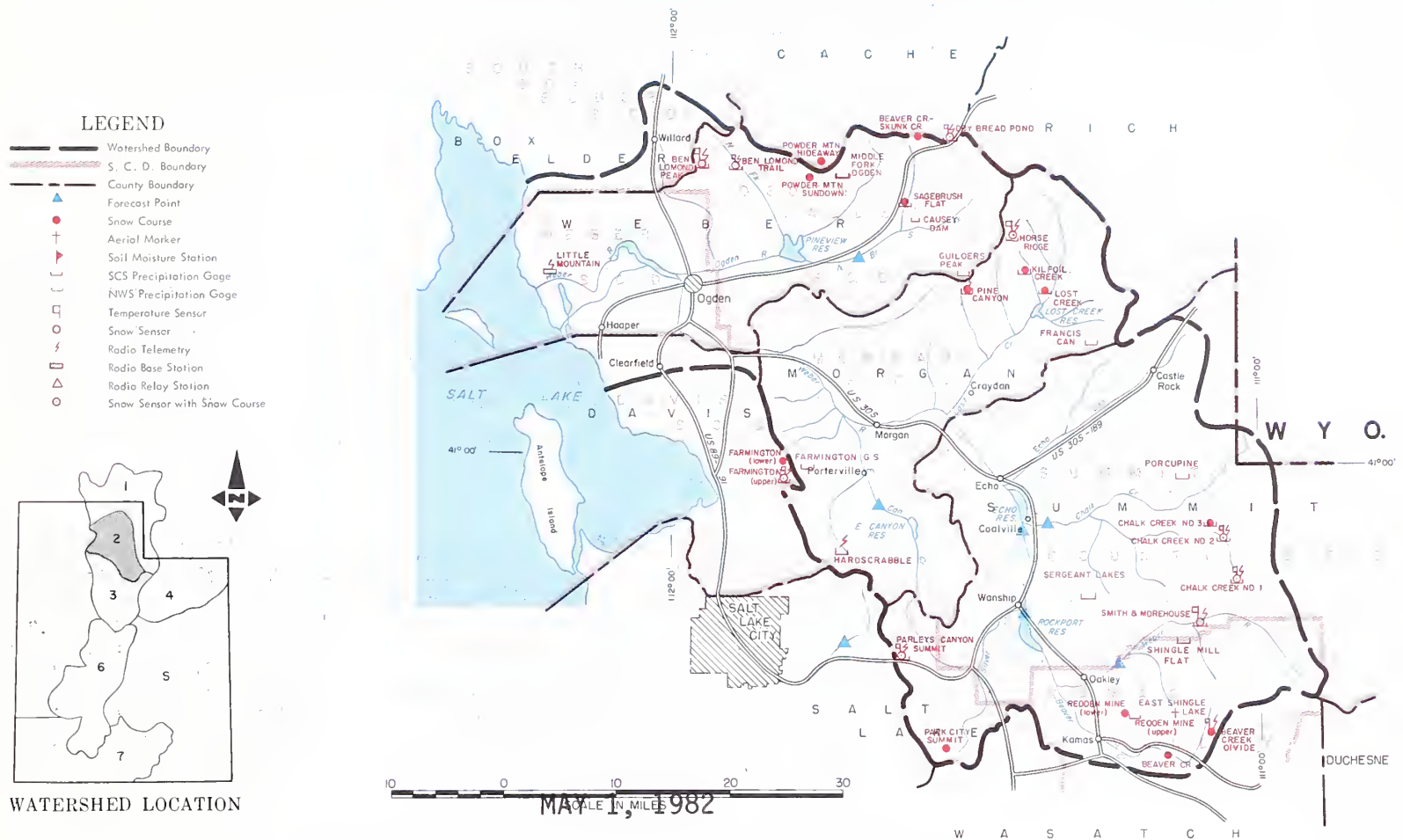
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*"The Conservation of Water begins with the Snow Survey"*

# WATER SUPPLY OUTLOOK

## WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



### THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

**SNOW COVER** on the Ogden River is still 151% of the May 1 average and about 5 times last May 1. Weber River snow water content is 139% of average and about 3 times a year ago. Horse Ridge snow course had a greater May 1 water content (31.6 inches) than in 1952 (30.9 inches) to set a new May 1 record. Snow melted slower than usual during April and heavier than usual amount remains at medium and higher elevations.

**PRECIPITATION** at mountain stations ranged from 55% of the April 15 year average at Farmington Lower to 147% at Causey Reservoir.

**SOIL MOISTURE** under the remaining snow pack is improving as the snow melts and is now better than average.

**RESERVOIR STORAGE** is near average except in Echo Reservoir where it is being held down to reduce the snow melt peak below the reservoir. All reservoirs are expected to fill this spring.

**STREAMFLOW FORECASTS** for the May-June period now range from 117% for Hardscrabble Creek to 176% for Chalk Creek.

Peak flows are expected to be 1 1/2 to 2 times average and precautions should be taken to protect equipment and property near stream channels. All water users are expected to have above average water supplies this season.



WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	138	144	May-June	83.3	96
Rockport Reservoir Inflow 1/	155	158	May-June	80.7	98
Chalk Creek at Coalville	58	176	May-June	22.2	33
Weber nr Coalville	156	150	May-June	71.0	104
Lost Creek nr Croydon, UT	16.4	130	May-June	2.6	12.6
East Canyon Creek nr Morgan 1/	23	135	May-June	7.7	17.3
Hardscrabble Crk nr Porterville	17.2	117	May-June	--	14.7 <sup>b</sup>
South Fork Ogden nr Huntsville	55	131	May-June	14.1	42
Pineview Reservoir Inflow 2/	102	134	May-June	26.3	76
Echo Reservoir Inflow	205	154	May-June	85.0	133
Weber at Gateway	376	158	May-June	120.5	238
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.7	140	May-July	4.0	6.9
1 - Observed flow corrected for change in storage and diversions					
2 - Inflow record as computed by U. S. Bureau of Reclamation					
3 - Provisional flows - Subject to Correction					
b - Average of all past record - less than 15 years					

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauging Stations Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	5	515	151
WEBER RIVER	12	294	139

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	3.4	6.9	2.3
	Pineview	110.1	78.3	73.3	76.9
WEBER	East Canyon	48.1	35.8	42.4	33.1
	Echo	73.9	20.7	70.2	55.2
	Lost Creek	20.0	13.0	18.5	13.9
	Rockport	60.9	35.2	57.4	37.2
	Willard Bay	193.3	159.0	184.7	162.9

+ - 1958-72 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Lost Creek nr Croydon	320-460	220
South Fork Ogden nr Huntsville	880-1180	772
Chalk Creek nr Coalville	790-1040	569
Weber nr. Oakley	2540-3120	1690
(a) - Maximum mean daily peak flow		

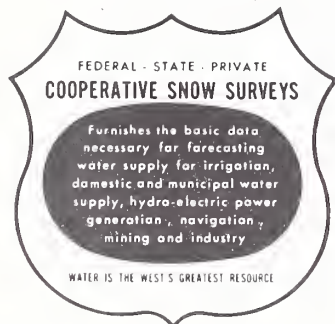
SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Beaver Creek R.S.	4/26	8	4.0	0.0	4.8
Beaver Creek-Skunk Creek	4/25	28	11.8	0.0	7.1
Ben Lomond Peak	4/25	110	51.2	15.1	37.2
Ben Lomond Trail	4/25	34	17.1	0.0	7.7 <sup>b</sup>
Chalk Creek #1	4/26	84	34.3	19.5	25.4
Chalk Creek #2	4/26	50	20.9	9.9	15.3
Chalk Creek #3	4/26	15	6.7	0.0	3.5
Dry Bread Pond	4/25	61	27.1	5.7	19.0

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Horse Ridge	4/25	68	31.6	5.9	20.8 <sup>b</sup>
Lost Creek Reservoir	4/25	0	0.0	0.0	0.0
Monte Cristo	4/25	84	37.4	11.0	27.6
Parleys Canyon Summit	4/29	45	17.8	0.4	14.6
Sagebrush Flat	4/25	0	0.0	0.0	0.0
Smith & Morehouse	4/26	34	14.0	2.6	10.0
Trial Lake	4/26	94	39.1	17.4	26.1
e - estimated					

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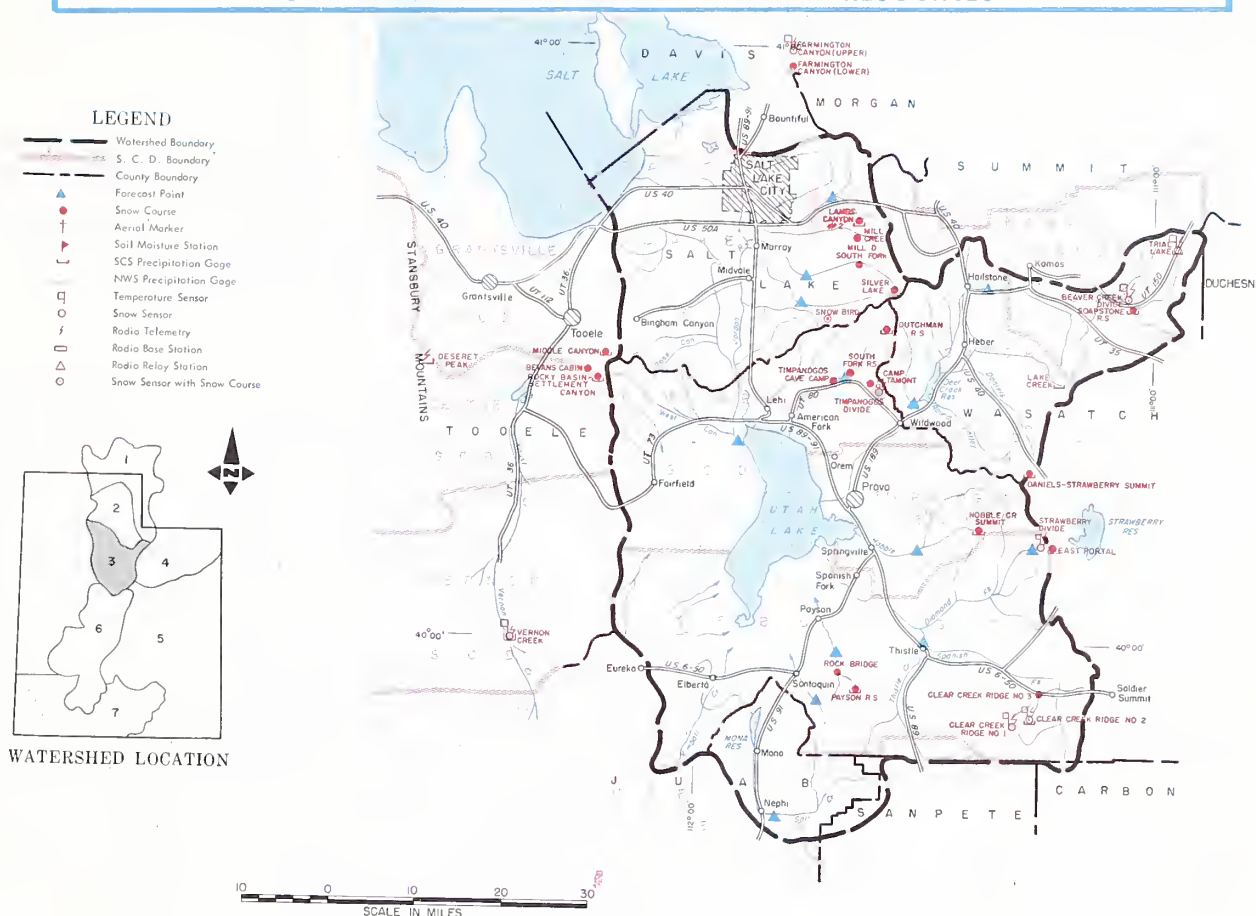
"The Conservation of Water begins with the Snow Survey"



# WATER SUPPLY OUTLOOK

## UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



MAY 1, 1982

### THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

**SNOW COVER** now ranges from 87% of the May 1 average in Tooele Valley to 150% on the Provo-Utah Lake Watershed. Jordan River-Salt Lake is 149% of the May 1 average.

**PRECIPITATION** at mountain stations ranged from 39% of the April average at Hobbie Creek Summit to 162% at Timpanogos Divide.

**SOIL MOISTURE** is near average under the snow pack and improving as snow melt progresses.

**RESERVOIR STORAGE** is above average and all reservoirs are expected to fill.

**STREAMFLOW FORECASTS** for the May-July period now range from average on Vernon Creek to about twice average on American Fork. Utah Lake inflow is forecast 155% of the May-July average. The creeks above Salt Lake are forecast from 107% for City Creek to 167% for Mill Creek. Settlement Creek is forecast 114% and South Willow Creek 139% of the May-July average. Peak flows are expected to be above average and precautions should be taken to protect property near stream channels.

Average to better than average water supplies are expected for all water users this season.

# UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	161	173	May-July		93
Provo below Deer Creek Dam 1/	175	177	May-July		99
American Fork nr American Fork	57	204	May-July		28
Hobble Creek nr Springville	23	160	May-July		14.4
Strawberry Reservoir Inflow 1/	67	160	May-July		42 <sup>b</sup>
Spanish Fork at Thistle	50	166	May-July		30
Payson Creek nr Payson	6.5	127	May-July		5.1 <sup>b</sup>
Utah Lake Inflow	269	155	May-July		174
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	44	124	May-July		36
Big Cottonwood nr SLC	46	135	May-July		34
Parley's Creek nr SLC	18.3	151	May-July		12.1
Mill Creek nr SLC	9.0	167	May-July		5.4
Emigration Creek nr SLC	3.5	121	May-July		2.9
City Creek nr SLC	3.1	107	May-July		2.9
TOOELE VALLEY					
Vernon Creek nr Vernon	0.5	100	May-June	0.5	0.5
Settlement Crk nr Tooele	2.4	114	May-July	--	2.1 <sup>b</sup>
S. Willow Crk nr Grantsville	3.6	139	May-July		2.6

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	11	546	150
JORDAN RIVER & SALT LAKE	2	751	149
TOOELE VALLEY	3	256	87

1 - Observed flow corrected for change in storage and diversions  
2 - Provisional flows - Subject to correction  
a - Estimated  
b - Average of past record - less than 15 years  
+ - 1963-77 15 year average period  
(a) - Maximum mean daily peak flow

## RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	193.0	227.2	166
UTAH LAKE	Utah Lake	883.9	936.7	871.6	775.5
	Settlement Creek	1.2		0.7	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	125.7	140.4	115.1

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
American Fork	500-600	
Provo nr Hailstone	2200-2600	
Spanish Fork nr Thistle	700-900	
Big Cottonwood nr Salt Lake City	450-550	
Little Cottonwood nr Salt Lake City	500-600	
Mill Creek nr Salt Lake City	70-90	
Parley's Creek nr Salt Lake City	200-250	
Emigration Creek nr Salt Lake City	50-70	
City Creek nr Salt Lake City	90-110	
Stone Creek nr Bountiful	45-55	
Mill Creek nr Bountiful	50-70	

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Bevans Cabin				0.0	5.9
Camp Altamont	5/1	21	11.7	0.0	7.7
Clear Creek #1	4/28	54	23.1	6.5	17.7
Clear Creek #2	4/28	39	15.5	1.1	10.5
Clear Creek #3	4/28	0	0.0	0.0	0.1
Oanels-Strawberry Summit	4/28	35	15.1	0.0	9.5
Oeseret Peak	4/29	89	38.5	14.8	--
Outchman R.S.	5/1	35	18.1	0.0	9.8
Hobbs Creek Summit	4/28	25	11.8	0.0	7.7
Lambs Canyon #2	4/29	34	15.5	0.0	--
Middle Canyon	5/1	13	5.1	0.0	10.4
Mill Creek	4/30	64	27.4	8.9	--

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Mill O South Fork	4/30	51	23.6	0.0	16.2
Parley's Canyon Summit	4/29	45	17.8	0.4	14.6
Payson R.S.	4/26	47	21.4	4.7	15.8
Rocky Basin-Settlement Canyon	4/29	71	29.8	15.2	30.2
Silver Lake Brighton	4/30	84	41.7	8.7	27.6
Soapstone R.S.	4/26	32	13.2	0.0	7.9
South Fork R.S.	5/1	0	0.0	0.0	--
Timpanogos Divide	5/1	67	36.6	7.2	22.0
Trial Lake	4/26	94	39.1	17.4	26.1
Vernon Creek	5/1	8	3.1	0.0	4.0 <sup>b</sup>

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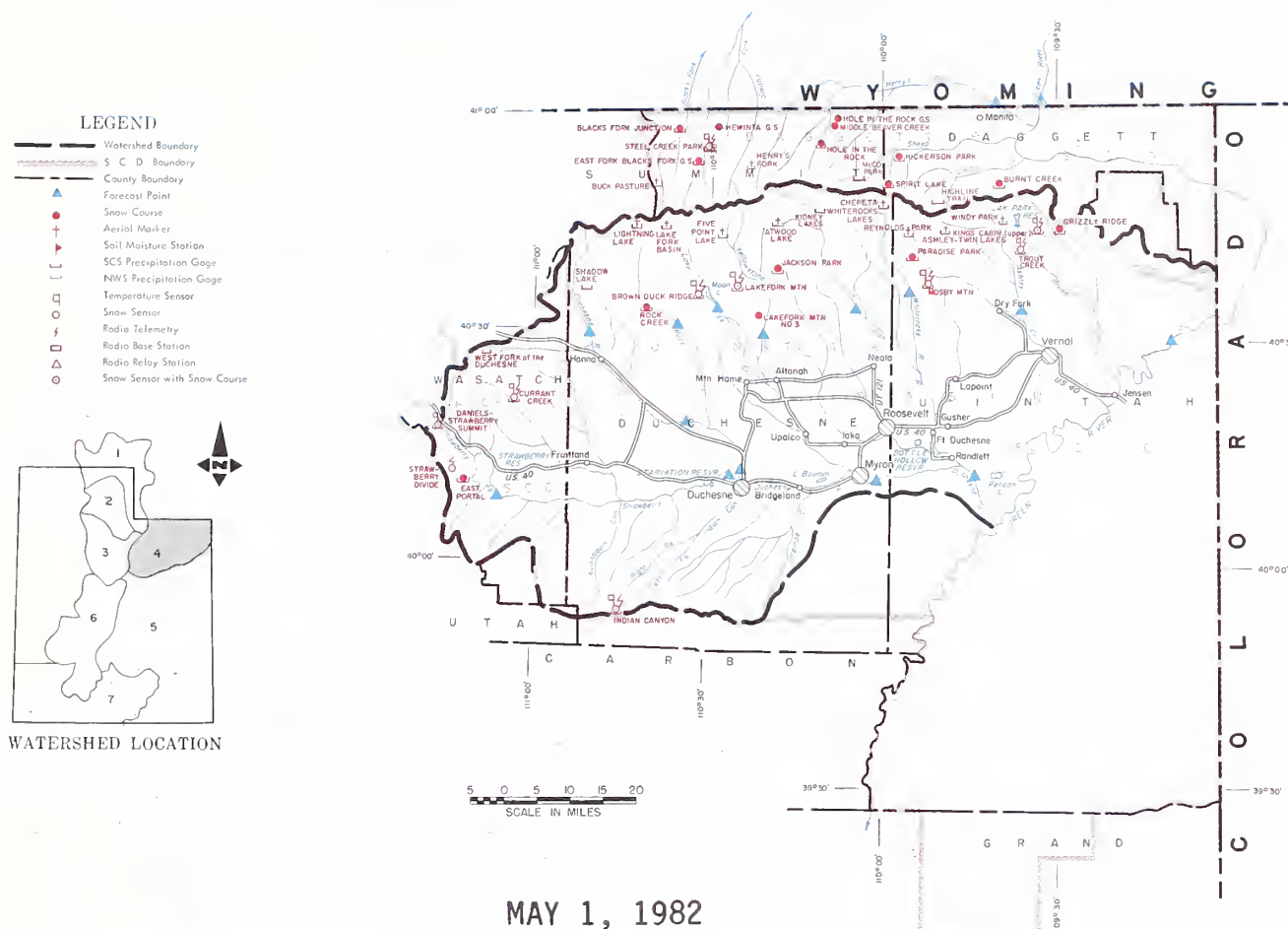
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# WATER SUPPLY OUTLOOK

## UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



### THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER now ranges from 115% of the May 1 average for Ashley Creek and Upper Green River in Utah to 188% for Strawberry River. Lakefork-Yellowstone Creeks are 135% of average, Uintah-Whiterocks 125% and Black's Fork 121% of the May 1 average for the 1963-77 period.

PRECIPITATION at mountain stations ranged from 31% of average at Indian Canyon to 114% at Rock Creek Ranch.

SOIL MOISTURE is better than average.

RESERVOIR STORAGE is near average and all reservoirs are expected to fill as run-off progresses.

STREAMFLOW FORECASTS for the May-July period range from average on Henry's Fork to 211% for the Duchesne at Myton. Lakefork is forecast 121%, Rock Creek 147%, Duchesne 151% at Tabiona, 144% at Duchesne, and 196% at Randlett. Ashley Creek is forecast 121%, Whiterocks 120%, Uintah 116% and Black's Fork 127% of the May-July average.

Peak flows are expected to range from near average on Ashley Creek (750-1250 cfs) to about twice average for the Strawberry at Duchesne (1200-1600 cfs). Precautions should be taken to protect property near stream channels.

All water users are expected to have average to better than average water supplies this season.

# UINTAH BASIN AND DAGGETT SCD's IN UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	148	151	May-July	63.3	98
Duchesne at Duchesne 1/	259	144	May-July	69.7	180
Strawberry at Duchesne	86	179	May-July	17.6	48
Rock Creek nr Mtn. Home	134	147	May-July	62.8	91
Currant Creek nr Fruitland	27	166	May-July	7.6	16.5
Lakefork below Moon Lake 1/	83	121	May-July	60.4	69
Yellowstone nr Altonah	74	118	May-July	43.3	63
Duchesne at Myton 1/	389	211	May-July	65.7	193
Whiterocks nr Whiterock	70	120	May-July	39.2	58
Uintah nr Neola	98	116	May-July	65.4	85
Duchesne at Randlett 1/	437	196	May-July	85.3	223
West Fork Duchesne at Hanna	37	154	May-July		24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	49	100	May-Sept		49
Black's Fork at Millburne	114	127	May-July		90
Flaming Gorge Inflow 1/	1650	128	May-July		1292
Ashley Creek nr VernaT	60	121	May-July	30.8	49

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	11	332	147
LAKEFORK-YELLOWSTONE CREEKS	4	185	135
STRAWBERRY RIVER	4	--	188
UINTAH - WHITEROCKS RIVERS	3	160	125
ASHLEY CREEK	3	333	115
BLACK'S FORK	4	156	121
UPPER GREEN RIVER	9	193	115
1/ Observed flow corrected for change in storage and diversions			
2/ Provisional flows - Subject to correction			
a - Estimated			

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Steinaker	33.3	25.5	30.1	23.7
GREEN RIVER	Flaming Gorge	3749.0	2636.4	2955.3	--
LAKE FORK	Moon Lake	35.8	17.7	17.7	19.0
STRAWBERRY	Starvation	165.3	123.9	165.3	
UINTAH	Bottle Hollow	11.3	11.0	11.3	--

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	1200-1600	656
Ashley Creek nr Vernal	750-1250	1030
Rock Creek nr Mtn. Home	2030-2070	1432
c - Maximum mean daily peak flow		

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Brown Duck Ridge	4/27	84	31.3	14.6	20.2 <sup>a</sup>
Currant Creek	4/28	14	5.5	0.0	2.3 <sup>b</sup>
Daniels-Strawberry	4/28	35	15.1	0.0	9.5
Hewinta G. S.	4/26	40	11.4	7.7	10.4
Hickerson Park	4/27	25	8.1	4.5	5.9 <sup>b</sup>
Jackson Park	4/27	54	16.4	10.5	--
Kings Cabin Upper	4/27	35	11.9	1.0	10.3

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Lakefork Mountain	4/27	47	14.7		11.9
Mosby Mountain	4/27	37	11.2		9.9
Paradise Park	4/27	60	20.8		14.3
Rock Creek Ranch	4/27	6	2.3		1.3 <sup>b</sup>
Spirit Lake	4/27	52	18.3		15.5
Steel Creek Park	4/26	68	23.6		18.7
Strawberry Divide	4/30	53	22.2		--
Trout Creek	4/27	39	12.4		--

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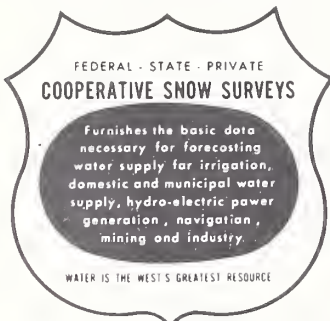
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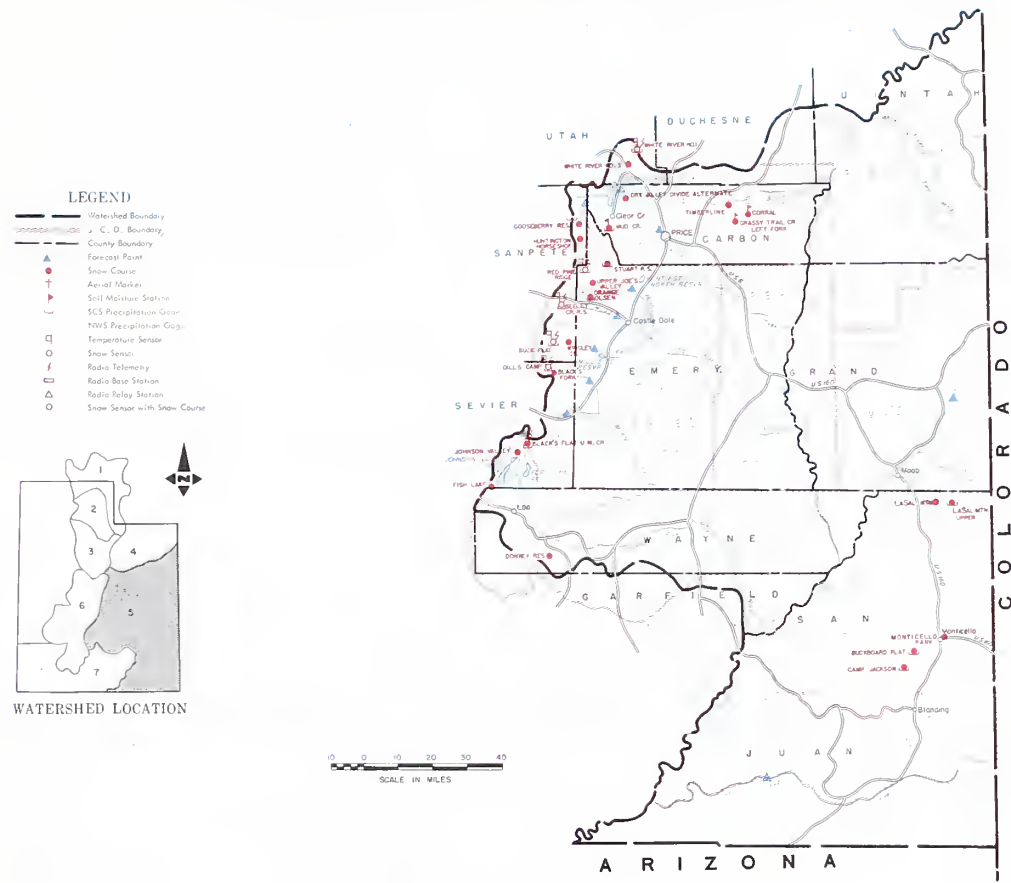
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# WATER SUPPLY OUTLOOK

## CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



MAY 1, 1982

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER as of May 1 ranged from 29% of average on Blue Mountains to 159% of average on Price River. San Rafael is 147% of average, Fremont 134%, and LaSal Mountains 49%.

PRECIPITATION at mountain stations ranged from 21% of the April average at Stuart Ranger Station on Huntington Creek to 73% at White River #1 on Price River. Most other stations were 1/3 to 1/2 the April average.

SOIL MOISTURE under the snow pack is near average.

RESERVOIR STORAGE is near average and all reservoirs are expected to fill with the exception of Ken's Lake which may not fill if below average precipitation occurs during the next three months.

STREAMFLOW FORECASTS range from 58% of the May-July average for Mill Creek to 210% for Muddy Creek. All other streams are forecast 122 to 195% of the May-July average.

Peak flows on the San Rafael are expected to be 1-1/2 to 2 times average and precautions should be taken to protect property near stream channels.

All water users are expected to have above average water supplies except from streams on the Blue and LaSal Mountains where shortages are expected if reservoir storage is unavailable.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14	149	May-July		9.4
Scofield Reservoir Inflow	53	169	May-July		31
Price nr Heiner <u>1</u> /	87	167	May-July		52
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	66	156	May-July		42
Cottonwood Crk nr Orangeville	67	164	May-July	26.7	41 <sup>b</sup>
Ferron Creek nr Ferron	62	195	May-July	17.3	32
MUDDY CREEK					
Muddy Creek nr Emery	33	210	May-July	7.6	15.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	3300.0	122	May-July		2716
Green at Green River, UT	3950.0	132	May-July		2974
Mill Creek nr Moab	2.5	58	May-July	2.7	4.3 <sup>b</sup>
Navajo Reservoir Inflow	760	125	May-July		608
San Juan nr Bluff, UT	1050.0	121	May-July		865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	7.1	125	May-July	2.9	5.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	--	159
SAN RAFAEL RIVER	6	624	147
FREMONT RIVER	3	--	134
LASAL MOUNTAINS	2	158	49
BLUE MOUNTAINS	2	--	49
1 - Observed flow corrected for change in storage and diversions 2 - Provisional flows - Subject to correction a - Estimated b - Average of all past record - less than 15 years + - 1963-77 15 Year Average Period			

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	43.2	55.1	36.9
SAN RAFAEL	Huntington North	3.9	3.3	5.4	3.9 <sup>b</sup>
	Joe's Valley	54.6	31.9	46.6	39.1 <sup>b</sup>
	Mill Site	16.7	8.5	11.7	--
	Ken's Lake	2.7	1.1	0.9	--
SAN JUAN	Navajo	1696.0	1283.9	1246.0	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	610-910	422%
Muddy Creek near Emery	220-350	154%
c - Maximum mean daily peak flow		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Buck Flat	4/27	56	24.2	4.6	15.4
Buckboard Flat	4/28	6	2.1	0.0	7.1
Camp Jackson	4/29	4	1.6	0.0	5.8
Dills Camp	4/27	38	15.3	0.0	9.9 <sup>a</sup>
Dry Valley Divide Alternate	4/28	20	8.2	0.0	--
Huntington-Horseshoe	4/28	63	28.0	14.9	--

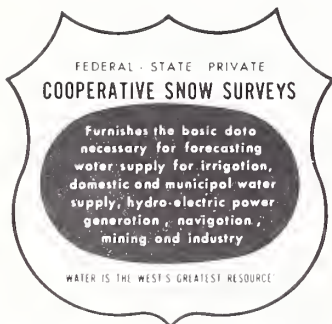
SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
LaSal Upper	4/28	24	8.2	5.2	12.6
Mammoth-Cottonwood R.S.	4/28	58	27.4	8.0	19.1
Monticello City Park				0.0	--
Mud Creek	4/28	37	15.2	0.0	7.9
Seeley Creek	4/28	50	19.6	7.0	17.2
White River #1	4/28	36	15.7	0.0	10.5
White River #3	4/28	0	0.0	0.0	1.0 <sup>b</sup>

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Near average to above average water supplies are expected for all users this season.



## SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acres Feet	Percent of Average		Thousand Acre Feet Last Year	Average †
SEVIER RIVER					
Sevier at Hatch	43	122	May-July		35
Sevier nr Circleville	37	161	May-July		23
Sevier nr Kingston	23	135	May-July		16.9
Antimony Crk nr Antimony	7.7	135	May-July		5.7 <sup>b</sup>
East Fork Sevier nr Kingston/	10.9	105	May-July		10.5
Sevier below Piute Dam	30	112	May-July		27
Clear Crk nr Sevier (abv Div)	21	136	May-July		15.3
Sigurd to Gunnison	47	137	May-July		21.7
Kingston to Vermillion Dam	75	133	May-June		56
Vermillion Dam to Gunnison	47	137	Mar-June		35
Salina Creek at Salina	163	157	May-June		10.4
Sevier nr Gunnison	50	132	May-July		38
Chalk Creek nr Fillmore	14.9	114	May-July		13.1
Chicken Creek nr Levan	4.4	182	May-July	0.9	2.4
Oak Cr. nr Oak City	1.1	110	May-July	0.6	1.0 <sup>b</sup>
Ephraim Creek nr Ephraim	18.0	137	May-July		13.2 <sup>b</sup>
Pleasant Crk nr Mt. Pleasant	10.2	129	May-July		7.9 <sup>b</sup>
Salt Creek nr. Nephi	16.4	164	May-July		10.0
Beaver nr Beaver	33	181	May-July	14.8	18.1
North Creek (Combined)	17.5	146	May-July		12.0 <sup>b</sup>
Minersville Inflow	16.5	305	May-June		5.4

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	18.2	--	14.9
	Otter Creek	52.5	54.2	52.5	39.5
	Piute	71.8	66.8	67.6	47.1
	Sevier Bridge	236.0	217.2	225.4	144.6
BEAVER RIVER	Minersville (Rky Fd)	23.3	19.9	24.6	15.3

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER			
East Fork Sevier	3	288	135
South Fork Sevier	6	244	116
LOWER SEVIER	11	298	112
BEAVER RIVER	3	215	141

1 - Observed flow corrected for change in storage and diversions  
2 - Provisional flows - Subject to correction  
a - Estimated  
b - Average of past record - less than 15 years  
+ - 1963-77 15 Year Average Period

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Sevier River at Hatch	500-700	418
Beaver River nr Beaver		
Sevier River nr Kingston		
Clear Creek nr Sevier		
Salina Creek nr Salina	300-560	211
Beaver River nr Beaver		

c - Maximum mean daily peak flow

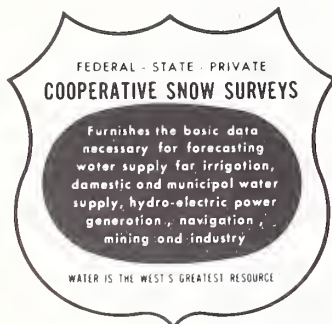
## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Big Flat	4/26	70	25.4	15.4	18.6
Bryce Canyon	4/29	0	0.0	0.0	--
Castle Valley	4/26	33	11.1	2.7	7.2
Duck Creek	4/27	30	12.0	0.0	7.8
Farnsworth Lake	4/27	57	22.6	14.8	22.2
Gooseberry R.S.	4/27	25	10.4	2.6	10.2

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Last Year	Average †
Harris Flat	4/27	0	0.0	0.0	2.1
Kimberly Mine	4/26	43	17.7	8.3	15.8
Long Valley Junction	4/27	0	0.0	0.0	0.0
Merchants Valley Upper	4/26	19	7.3	0.0	5.9 <sup>b</sup>
Midway Valley	4/27	58	23.4	15.3	21.5
Otter Lake	4/26	50	18.9	8.6	12.1
Pickle Keg Springs	4/27	39	17.2	6.0	15.1 <sup>b</sup>
Widtsoe-Escalante #3	4/27	38	12.2	6.5	9.0

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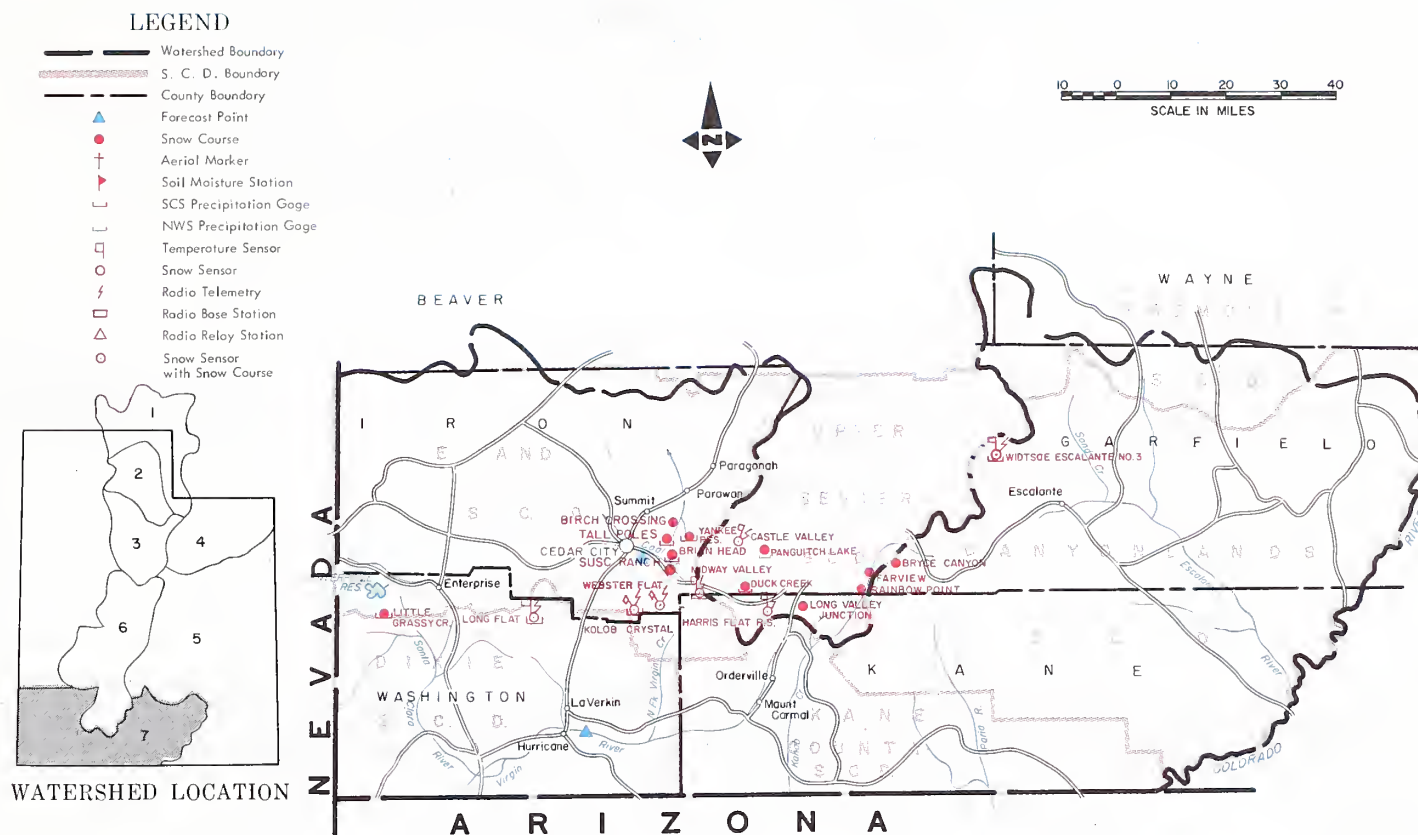
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# WATER SUPPLY OUTLOOK

## EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



### THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

**SNOW COVER** ranges from no snow on Enterprise-New Harmony courses to 118% on Coal Creek. Virgin River was 117% of the May 1 average and Parowan Creek 105%.

**PRECIPITATION** at mountain stations ranged from 49% of the April average at Tall Poles on Parowan Creek to 121% at Long Flat above New Harmony.

**SOIL MOISTURE** is below average but improving as snow melts at higher elevations.

**RESERVOIR STORAGE** is near average with Gunlock and Baker reported as full and Upper Enterprise about 1/2 full and Lower Enterprise about 3/4 full.

**STREAMFLOW FORECASTS** range from 48% for the Santa Clara to 125% for Lake Powell inflow. Coal Creek is forecast 102% of the May-July average and the Virgin River 61% at Hurricane.

Late season water shortages may occur in this area on streams without adequate reservoir storage.

Snow melt peak flows are not expected to cause problems in this area this season.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST Thousand Acres Feet	Percent of Average		THOUSAND ACRE FEET	
				Last Year	Average †
VIRGIN RIVER					
Virgin nr Hurricane	19	61	May-June		30
Santa Clara nr Pine Valley	1.3	48	May-June		2.7
COAL CREEK					
Coal Creek nr Cedar City	14.5	102	May-July		14.2
UPPER COLORADO					
Lake Powell Inflow	8700.0	125	May-July		6952

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	172	118
VIRGIN RIVER	3	187	117
PAROWAN CREEK	4	295	105
ENTERPRISE - NEW HARMONY	2	--	--
2 - Provisional Flows - Subject to correction			
a - Estimated			
b - Average of past record - less than 15 years			
+ - 1963-77 15 year Average Period			

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	19859.0	21512.0	--
	Blue Mesa	829.5	237.7	390.0	

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City		
Virgin nr Virgin		
c - Maximum mean daily peak flow		

SNOW

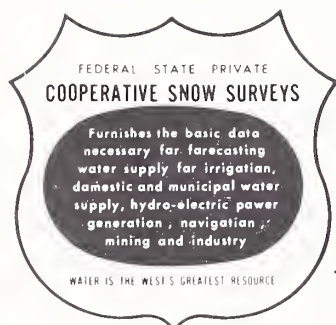
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Birch Crossing	4/29	0	0.0	0.0	2.5 <sup>b</sup>
Brian Head	4/26	61	23.8	13.7	20.8 <sup>b</sup>
Harris Flat	4/27	0	0.0	0.0	2.1
Kolob-Crystal	4/27	51	21.4	12.2	22.5 <sup>a</sup>
Little Grassy	4/27	0	0.0	0.0	0.2
Long Flat	4/27	0	0.0	0.0	2.3

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Long Valley Junction	4/27	0	0.0	0.0	0.0
SUSC Ranch	4/29	0	0.0	0.0	2.5 <sup>b</sup>
Tall Poles	4/29	31	12.2	1.5	12.3 <sup>b</sup>
Webster Flat	4/27	40	21.1	10.5	13.8
Yankee Reservoir	4/26	23	7.8	0.0	7.0

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
Federal Bldg. - Room 4012  
Salt Lake City, Utah 84138

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FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

## SNOW

SNOW						PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
				Last Year	Average †						
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	4/26	10	4.0	0.0	3.0	4/26	2.73	2.66 <sup>b</sup>	15.01	14.66 <sup>b</sup>	102
CCC Camp	4/30	35	13.0	0.0	10.4						
Hayden Fork	4/26	52	21.3	10.4	16.7	4/26	5.42	4.08 <sup>b</sup>	33.65	24.14 <sup>b</sup>	139
Monte Cristo R.S.	4/25	84	37.4	11.0	27.6	4/25	6.15	5.22	40.96	31.17	131
Salt River Summit	4/29	50	18.8	1.1	15.4	3/30	4.62 <sup>a</sup>	2.53	25.24 <sup>a</sup>	19.76	
Stillwater Camp	4/26	36	12.3	4.3	10.2 <sup>b</sup>	4/26	4.07	3.40	22.38	15.79	142
Lily Lake	4/26	52	20.0	10.3	--	4/26	4.49	--	25.56	--	--
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/25	70	30.6	6.5	19.2 <sup>a</sup>	4/25	4.69 <sup>a</sup>	--	33.89 <sup>a</sup>	--	--
Cub River R.S.	4/25	1	0.6	0.0	0.0						
Emigrant Summit	4/30	79	35.3	3.3	24.9						
Franklin Basin	4/25	93	41.2	11.7	27.0 <sup>a</sup>	4/25	11.19 <sup>a</sup>	--	51.39 <sup>a</sup>	--	--
Garden City Summit	4/25	58	24.5	4.2	18.5	4/25	4.25	3.10	28.47 <sup>a</sup>	22.33	127
Klondike Narrows	4/25	62	28.4	0.2	16.8	4/25	4.83	3.75 <sup>b</sup>	35.09	27.60 <sup>b</sup>	127
Little Bear (lower)	4/25	10	4.9	0.0	2.1						
Little Bear (upper)	4/25	20	9.2	0.0	6.7	4/25	2.81 <sup>a</sup>	--	37.21 <sup>a</sup>	--	--
Slug Creek Divide	4/29	51	21.2	0.0	17.0 <sup>e</sup>						
Steep Hollow #1	4/25	133	56.9	20.7	40.8						
Steep Hollow #2	4/25	88	40.8	8.8	25.2						
Tony Grove Lake	4/25	121	54.5	14.0	37.6 <sup>a</sup>	4/25	14.75 <sup>a</sup>	--	67.15 <sup>a</sup>	--	--
Tony Grove R.S.	4/25	30	14.4	0.0	3.8	4/25	3.92	--	31.84	--	--
Willow Flat	4/25	28	13.7	0.0	5.5 <sup>b</sup>	4/25	4.79	4.62 <sup>b</sup>	39.19	27.51	142
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/25	28	11.8	0.0	7.1						
Ben Lomond Peak	4/25	110	51.2	15.1	37.2						
Ben Lomond Trail	4/25	34	17.1	0.0	7.7 <sup>b</sup>	4/25	3.71	5.38 <sup>b</sup>	39.95	34.12 <sup>b</sup>	117
Causey Dam	4/25	0	0.0	0.0	--	4/25	3.73	2.42 <sup>b</sup>	24.41	16.64	147
Dry Bread Pond	4/25	61	27.1	5.7	19.0	4/25	4.20 <sup>a</sup>	4.44 <sup>b</sup>	30.50 <sup>a</sup>	25.28	121
Sagebrush Flat	4/25	0	0.0	0.0	0.0	4/25	not tested	2.48 <sup>b</sup>		16.83	
WEBER RIVER											
East Shingle Lake (A)				13.0	--						
Beaver Creek R. S.	4/26	8	4.0	0.0	1.3						
Chalk Creek #1	4/26	84	34.3	19.5	25.4	4/26	8.62 <sup>a</sup>	--	41.62 <sup>a</sup>	--	--
Chalk Creek #2	4/26	50	20.9	9.9	15.3	4/26	4.50 <sup>a</sup>	--	26.30 <sup>a</sup>	--	--
Chalk Creek #3	4/26	15	6.7	0.0	3.5	4/26	4.13	3.45 <sup>b</sup>	23.79	17.39 <sup>b</sup>	137
Farmington Canyon (lower)	4/24	64	29.3	13.6	22.5 <sup>b</sup>	4/24	3.45	6.29 <sup>b</sup>	43.77	33.92	129
Farmington Canyon (upper)	4/24	96	41.5	19.9	33.3 <sup>b</sup>	4/24	5.12 <sup>a</sup>	--	53.22 <sup>a</sup>	--	--
Farmington G.S.	4/24	67	30.8 <sup>a</sup>	7.7 <sup>a</sup>	--	4/24	3.60	6.16 <sup>b</sup>		33.24 <sup>b</sup>	
Horse Ridge	4/25	68	31.6	5.9	20.8 <sup>b</sup>	4/25	5.50	4.74 <sup>b</sup>	--	28.38	
Kilfoil Creek	4/25	45	19.2	1.3	10.3 <sup>b</sup>						
Lost Creek Reservoir	4/25	0	0.0	0.0	0.0 <sup>b</sup>	4/25	1.73	--	18.90	--	
Park City Summit	4/30	78	37.3	20.0	--						
Parley's Canyon Summit	4/29	45	17.8	0.4	14.6	4/29	4.31	5.03	35.85	27.58	130
Redden Mine (lower)	4/26	55	24.6	10.0	18.3	4/26	4.26	--	33.66	--	
Smith & Morehouse	4/26	34	14.0	2.6	10.0	4/26	4.42	4.26	24.97	22.01	113
Sargeant Lake (A)	5/5	24	9.8	4.4	--						
Hardscrabble	4/24	41	20.0	--	--						
Pine Canyon	4/25	47	20.6	--	--						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/26	26	11.1	0.0	8.7 <sup>a</sup>	4/26	7.31 <sup>a</sup>	--	32.11 <sup>a</sup>	--	
Camp Altamont	5/1	21	11.7	0.0	7.7						
Clear Creek Ridge #1	4/28	54	23.1	6.5	17.7			2.60 <sup>a</sup>		29.80 <sup>a</sup>	
Clear Creek Ridge #2	4/28	39	15.5	1.1	10.5	4/28	2.90	3.31 <sup>b</sup>	24.22	19.37 <sup>b</sup>	125
Clear Creek Ridge #3	4/28	0	0.0	0.0	0.1						
Dutchman R.S.	5/1	35	18.1	0.0	9.8	5/1	4.75	4.17 <sup>b</sup>	--	24.99	--
Hobble Creek Summit	4/28	25	11.8	0.0	7.7	4/28	1.26	3.20		20.39	
Payson R.S.	4/26	47	21.4	4.7	15.8	4/26	3.70 <sup>a</sup>	3.58	29.00 <sup>a</sup>	21.53	135
Soapstone R.S.	4/26	32	13.2	0.0	7.9	4/26	3.45	3.57	27.23	19.79	138
South Fork R.S.	5/1	0	0.0	0.0	--						
Timpanogos Cave Camp	5/1	0	0.0	0.0	--						
Timpanogos Divide	5/1	67	36.6	7.2	22.0	5/1	7.00	4.30	46.35	29.39	158
Trial Lake	4/26	94	39.1	17.4	26.1	4/26	5.45	4.89	42.69	28.73	149



# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE			
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average	
NAME												
JORDAN RIVER & GREAT SALT LAKE												
Bevan's Cabin				0.0	5.9							
Lamb's Canyon #2	4/29	34	15.5	0.0	--	4/29	3.62	--	34.42	--	--	
Middle Canyon	5/1	13	6.0	0.0	10.4	5/1	4.55	4.28 <sup>b</sup>	32.35	20.20	160	
Mill Creek	4/30	64	27.4	8.9	--							
Mill D South Fork	4/30	51	23.6	0.0	16.2							
Mt. Dell Dam												
Rock Basin-Settlement	4/29	71	29.8	15.2	30.2	4/29	2.23	5.36 <sup>b</sup>	39.74	29.27	135	
Silver Lake (Brighton)	4/30	84	41.7	8.7	27.6							
Snow Bird (Gad Valley)												
Vernon Creek	5/1	8	3.1	0.0	4.0 <sup>b</sup>	5/1	2.60	2.58 <sup>b</sup>	25.82	17.85	145	
Deseret Peak	4/29	89	38.5	--	--	4/29	1.79		49.24			
UPPER SEVIER RIVER (South of Richfield, Utah)												
Box Creek	4/27	42	15.2	5.5	12.1	4/27	1.65	2.99	21.30	16.88	126	
Bryce Canyon	4/29	0	0.0	0.0								
Castle Valley	4/26	33	11.1	2.7	7.2	4/26	3.09	3.24	21.84	17.13	127	
Duck Creek R.S	4/27	30	12.0	0.0	7.8	4/27	4.26	3.11	27.91	19.64	142	
Farview	4/29	0	0.0	0.0								
Harris Flat	4/27	0	0.0	0.0	2.1	4/27	1.40 <sup>a</sup>		16.80 <sup>a</sup>			
Kimberly Mine	4/26	43	17.7	8.3	15.8	4/26	3.56	4.44 <sup>b</sup>	27.68	22.61	122	
Midway Valley	4/27	58	23.4	15.3	21.5	4/27	3.60 <sup>a</sup>		30.80 <sup>a</sup>			
Panguitch Lake	4/26	0	0.0	0.0	0.8	4/26	1.70	1.50	13.37	9.39	142	
Rainbow Point	4/26		0.0									
Squaw Springs	4/27	18	7.2	0.0	4.6							
LOWER SEVIER RIVER (Including San Pitch River)												
Beaver Dams	4/27	16	7.2	0.0	7.4	4/27	0.83	3.27	21.96	16.34	134	
Farnsworth Lake	4/27	57	22.6	14.8	22.2	4/27	1.23	4.69	28.79	24.25	119	
G.B.R.C. Headquarters	4/28	42	17.1	8.0	16.1	4/28	1.26	4.26	26.37	22.55	117	
G.B.R.C. Majors						5/1	0.85	2.15 <sup>b</sup>	15.44	10.66	145	
G.B.R.C. Meadows	4/28	73	31.7	14.7	25.1	4/28	1.84	5.17	36.47 <sup>a</sup>	26.84	136	
G.B.R.C. Oaks						5/1	3.01		18.30	14.88	123	
Gooseberry R.S.	4/27	25	10.4	2.6	10.2	4/27	0.74	3.61	20.02	16.52 <sup>b</sup>	121	
Mammoth-Cottonwood Creek	4/28	58	27.4	8.0	19.1	4/28	3.56 <sup>a</sup>		35.96 <sup>a</sup>			
Mt. Baldy R.S.	4/27	76	31.3	13.6	24.2			3.93		20.83		
Oak Creek	4/26	25	8.2	0.0	9.6 <sup>b</sup>	4/26	3.43	3.83 <sup>b</sup>	25.31	19.79 <sup>b</sup>	128	
Pickle Keg Springs	4/27	39	17.2	6.0	15.1 <sup>b</sup>	4/27	2.00 <sup>a</sup>		28.70 <sup>a</sup>			
Pine Creek	4/26	29	12.6	7.1	13.6	4/26	4.72	5.88	33.71	29.35	115	
Ree's Flat	4/26	32	14.0	4.1	--	4/26	2.56		24.51			
Shingle Mill	4/30	0	0.0	0.0	3.2 <sup>b</sup>	4/30	1.52	3.87 <sup>b</sup>	23.69	19.55	121	
Gooseberry Reservoir						4/28	1.52	3.60	32.41	21.71	149	
BEAVER RIVER												
Beaver Canyon Power House												
Beaver Race Track												
Big Flat	4/26	70	25.4	15.4	18.6	4/26	2.91	3.47	28.33 <sup>a</sup>	19.00	149	
Merchant's Valley (upper)	4/26	19	7.3	0.0	5.9 <sup>b</sup>	4/26	2.84	2.96 <sup>b</sup>	22.01	17.21	128	
Otter Lake	4/26	50	18.9	8.6	12.1							
PAROWAN CREEK												
Birch Crossing	4/29	0	0.0	0.0	2.5 <sup>b</sup>							
Brian Head	4/26	61	23.8	13.7	20.8 <sup>b</sup>							
Tall Poles	4/29	31	13.2	1.5	12.3 <sup>b</sup>	4/29	1.70	3.48 <sup>b</sup>	22.00	18.37 <sup>b</sup>	120	
Yankee Reservoir	4/26	23	7.8	0.0	7.0	4/26	2.31	3.01	19.57	15.14	129	
ENTERPRISE TO NEW HARMONY DRAINAGES												
Little Grassy Creek	4/27	0	0.0	0.0	0.2	4/27	2.00	1.80	15.93	16.29	98	
Long Flat	4/27	0	0.0	0.0	2.3	4/27	2.74	2.27	15.34	13.90	110	
COAL CREEK												
Cedar City Golf Course	4/29	0	0.0	0.0	--							
SUSC Ranch	4/29	0	0.0	0.0	2.5 <sup>b</sup>							

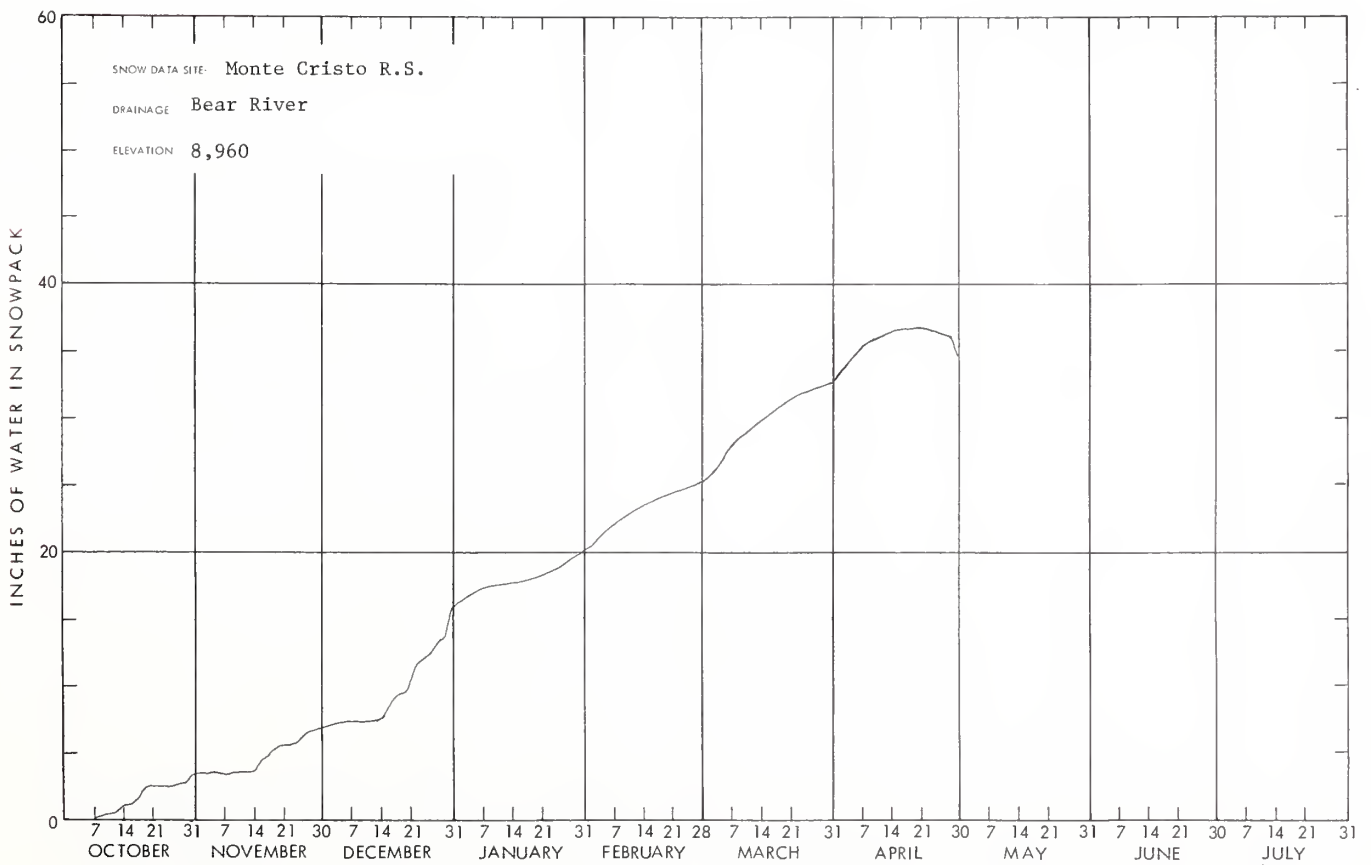
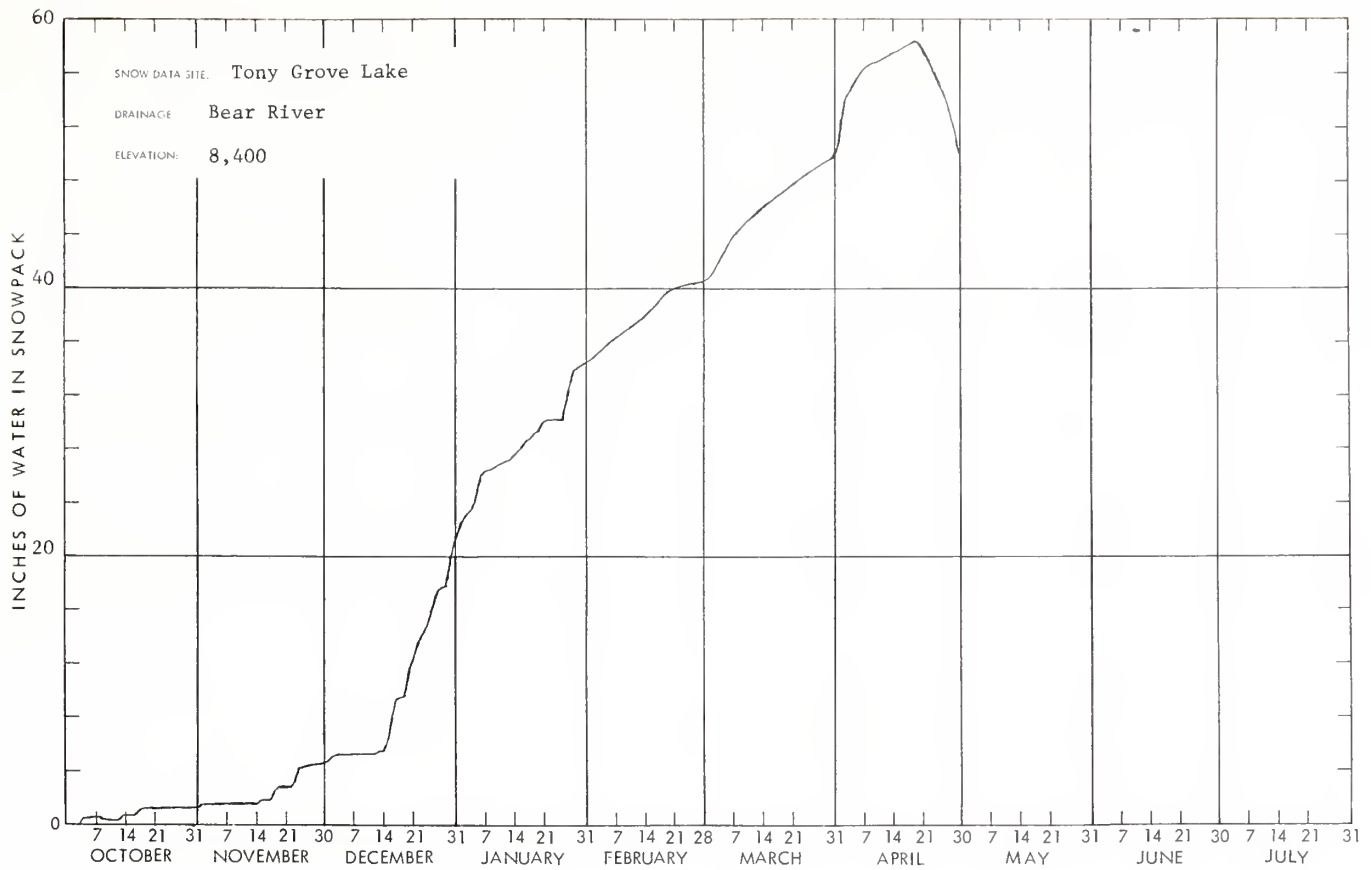
## SNOW

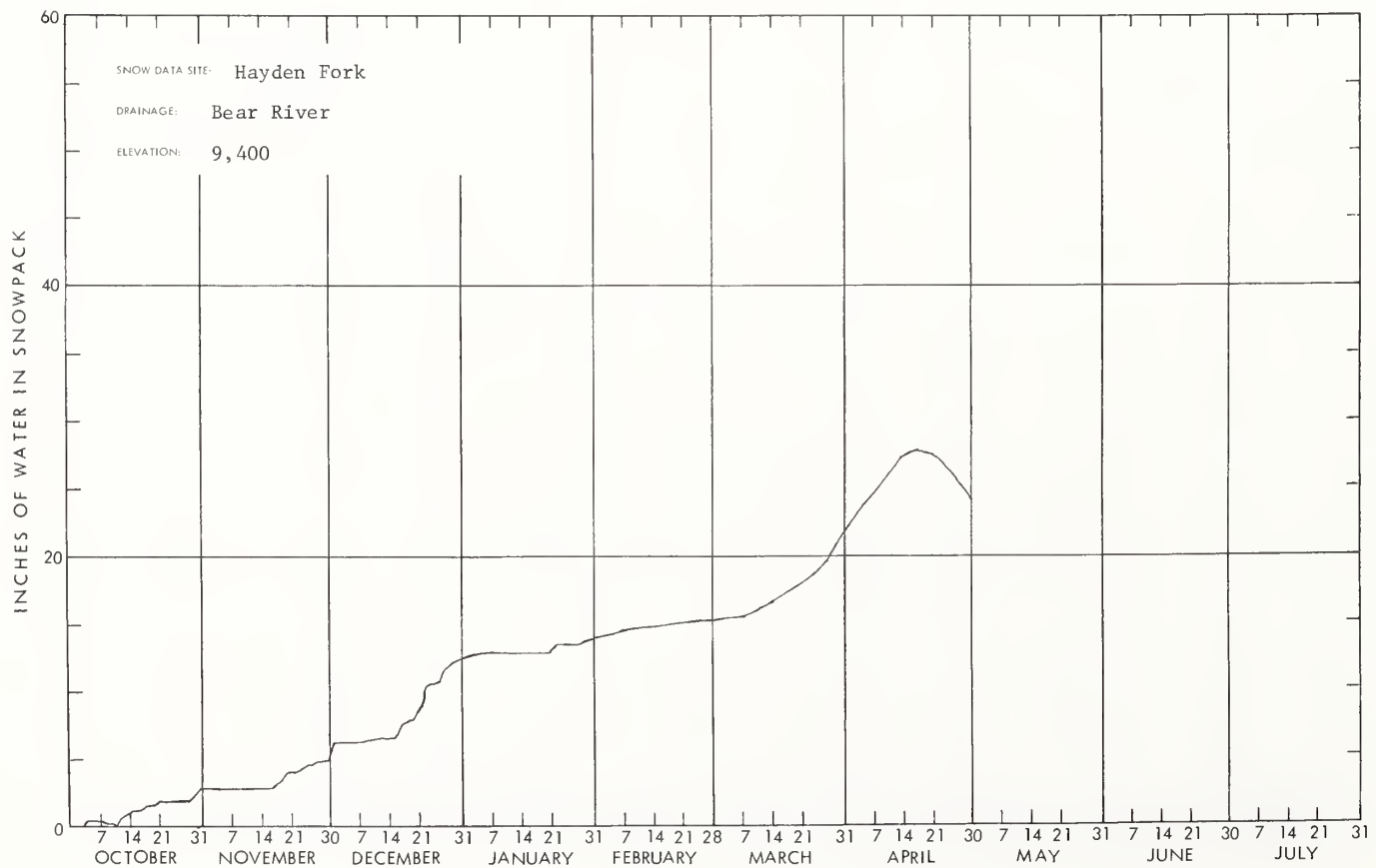
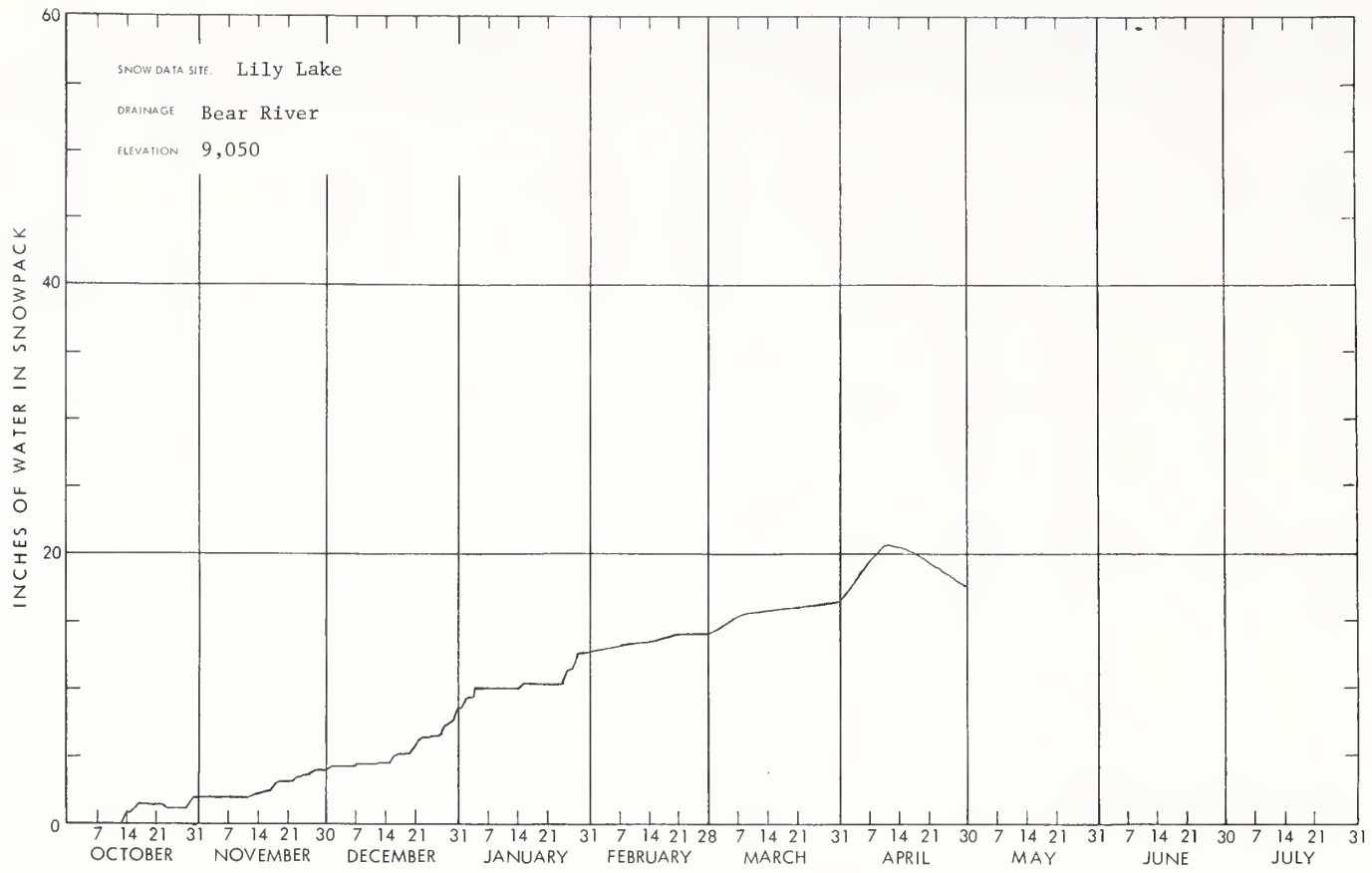
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)			FROM APPROX. OCT. 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
				Last Year	Average †						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/5	60	21.0	11.6	16.4 <sup>b</sup>						
Black's Fork G.S.-East Fork	4/26	42	12.7	7.8	9.9	4/26	3.15	3.35	19.55	15.29	128
Black's Fork Junction	4/26	36	10.0	4.3	8.7	4/26	3.41	3.08	19.33	14.70	131
Buck Pasture (A)	5/5	51	20.4	3.9	--						
Burnt Creek	4/29	3	0.9	0.0	3.4 <sup>b</sup>	4/29	1.50	3.06 <sup>b</sup>	13.20	12.07 <sup>b</sup>	109
Grizzly Ridge	4/29	28	9.4	0.1	10.0 <sup>b</sup>	4/29	2.00	3.25 <sup>b</sup>	19.50	16.69 <sup>b</sup>	117
Hewinta G.S.	4/26	40	11.4	7.7	10.4	4/26	3.25	3.59	20.48	16.15	127
Hickerson Park	4/27	25	8.1	4.5	5.9 <sup>b</sup>	4/27	2.55	3.56 <sup>b</sup>	12.34	12.97	95
King's Cabin (upper)	4/27	35	11.9	1.0	10.3	4/27	2.12	2.95	18.06	14.58	124
Reynolds Park (A)				8.6	--						
Spirit Lake	4/27	52	18.3	12.5	15.5	4/27	3.43	4.94 <sup>b</sup>	22.64	18.55	122
Steel Creek Park	4/26	68	23.6	17.1	18.7	4/26	3.42		24.32		
Trout Creek	4/27	39	12.4	1.6	--	4/27	2.40		15.75		
Henrys Fork (A)	5/5	43	15.0	7.7	--						
DUCHESNE RIVER											
Atwood Lake (A)				8.1							
Brown Duck Ridge	4/27	84	31.3	14.6	20.2 <sup>a</sup>	4/27	3.24		30.56		
Chepeta	4/27	54	18.8	10.0	--	4/27	3.00 <sup>a</sup>		23.20 <sup>a</sup>		
Currant Creek	4/28	14	5.5	0.0	2.3 <sup>b</sup>	4/28	2.01	2.41 <sup>b</sup>	27.67	16.20	171
Daniels-Strawberry Summit	4/28	35	15.1	0.0	9.5	4/28	3.51	3.28	30.79	21.09	146
East Portal	4/30	22	10.5	0.0 <sup>a</sup>	4.4 <sup>b</sup>	4/30	1.63		29.22		
Five Points Lake (A)				13.3	--						
Indian Canyon	4/28	31	12.0	0.7	10.9	4/28	0.84	2.68	21.36	15.46	138
Jackson Park	4/27	54	16.4	10.5	14.4 <sup>a</sup>	4/27	2.77		31.62		
Lakefork Basin (A)				10.7	--						
Lakefork Mountain #1	4/27	47	14.7	8.8	11.9	4/27	3.00 <sup>a</sup>	3.08	21.88 <sup>a</sup>	15.70	139
Lakefork Mountain #3	4/27	0	0.0	0.0	2.1						
Lightning Lake (A)				15.0	--						
Mosby Mountain	4/27	37	11.2	7.1	9.9	4/27	1.56 <sup>a</sup>	3.18 <sup>b</sup>	25.32 <sup>a</sup>	15.18	167
Paradise Park	4/27	60	20.8	12.7	14.3	4/27	2.15	3.91	24.19	16.96	143
Rock Creek Ranch	4/27	6	2.3	0.0	1.3 <sup>b</sup>	4/27	2.58	2.27	19.31	13.20	146
Strawberry Divide	4/30	53	22.2	0.0 <sup>a</sup>	12.2 <sup>a</sup>	4/30	3.25 <sup>a</sup>		46.05 <sup>a</sup>		
PRICE RIVER											
Dry Valley Divide Alternate	4/28	20	8.2	0.0							
Mud Creek	4/28	37	15.2	0.0	7.9	4/28	1.16	2.96	22.06 <sup>a</sup>	17.21	128
White River #1	4/28	36	15.7	0.0	10.5	4/28	2.08	2.84	23.95	16.06	149
White River #3	4/28	0	0.0	0.0	1.0 <sup>b</sup>						
SAN RAFAEL RIVER											
Buck Flat	4/27	56	24.2	4.6	15.4	4/27	1.10	3.24	29.60 <sup>a</sup>	20.45	145
Huntington-Horseshoe	4/28	63	28.0	14.9	--						
Orange Olsen	4/28	0	0.0	0.0	--	4/28	0.39	1.13 <sup>b</sup>	13.40	8.53	157
Red Pine Ridge	4/28	49	20.2	3.2	14.8	4/28	1.52	3.60	31.19	23.39	133
Seeley Creek R.S.	4/28	50	19.6	7.0	17.2	4/28	0.15 <sup>a</sup>		23.45 <sup>a</sup>		
Stuart R.S.	4/28	15	6.4	0.0	1.8	4/28	0.45	2.15	17.11	13.77	124
Upper Joe's Valley	4/28	26	10.0	0.0	5.7						
Wrigley Creek	4/27	30	12.0	0.0	8.1						
MUDDY RIVER											
Black's Fork	4/27	39	16.8	2.4	--						
Dill's Camp	4/27	38	15.3	0.0	9.9 <sup>a</sup>	4/27	0.88	--	26.68	--	
FREMONT RIVER											
Black's Flat-U.M. Creek	4/27	31	11.8	1.1	8.8	4/27	1.19	2.65	18.29 <sup>a</sup>	14.75	124
Fish Lake	4/27	19	7.0	0.0	5.4	4/27	0.67	2.16	13.88 <sup>a</sup>	11.34	122
Johnson Valley	4/27	16	6.1	0.0	4.4						

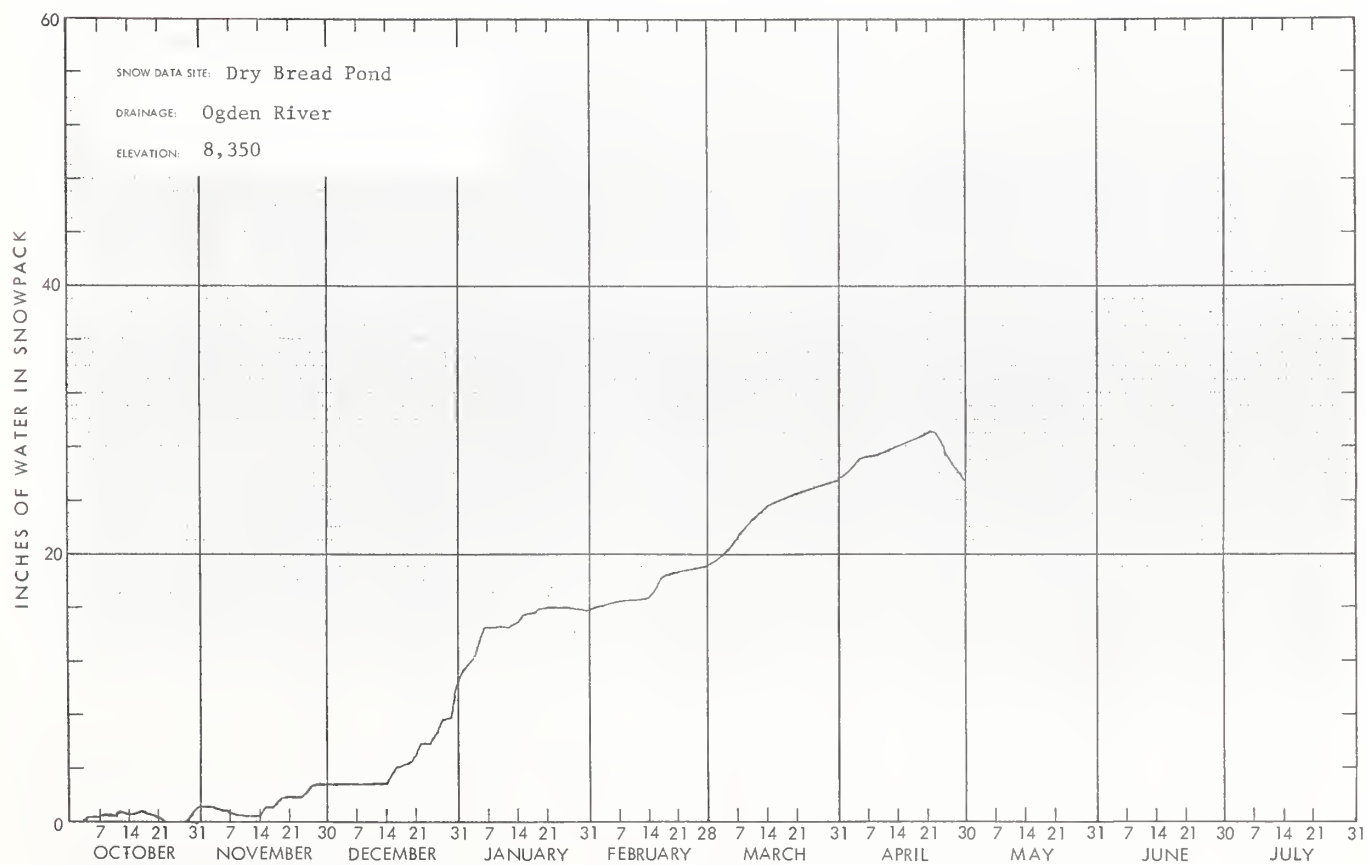
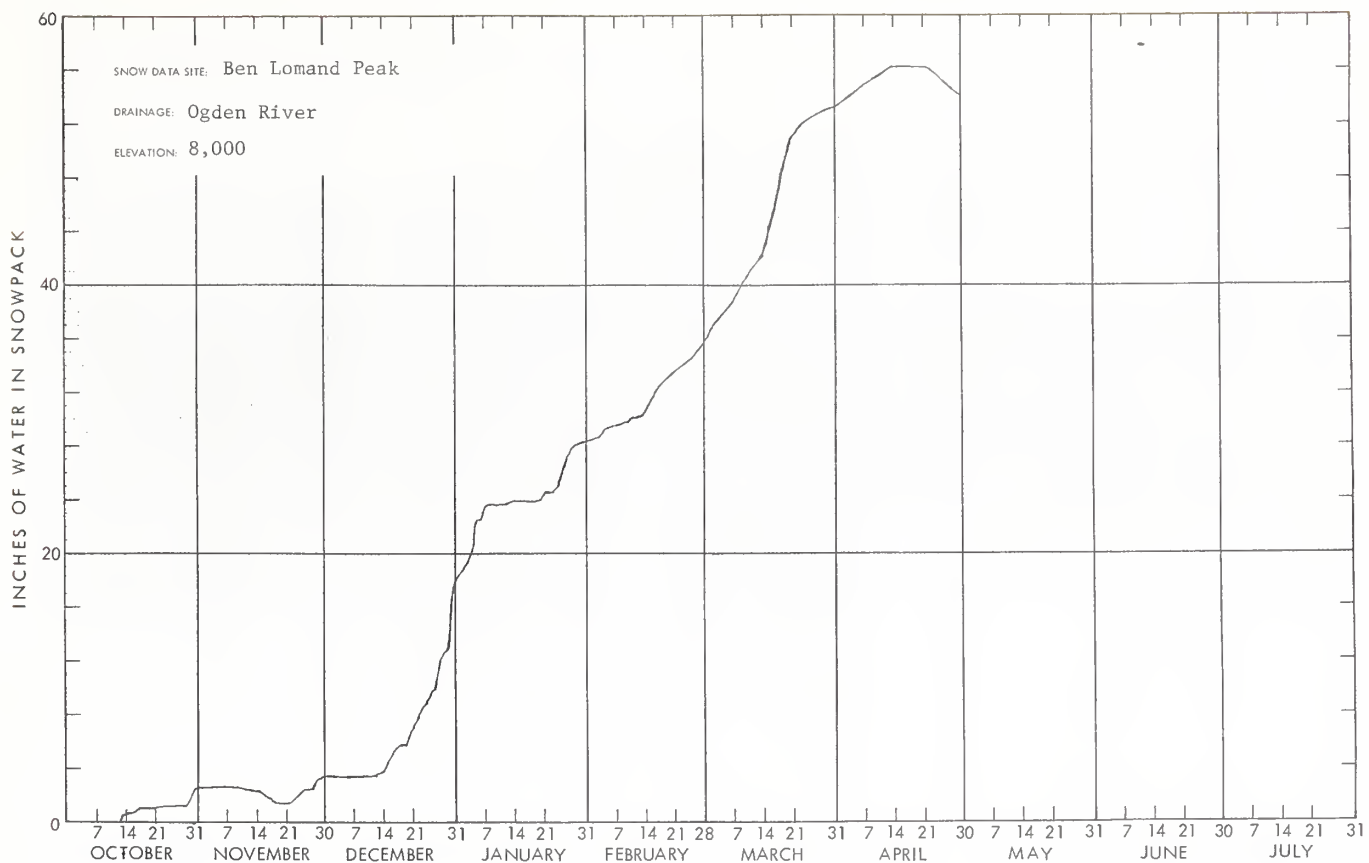
# SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/28	6	2.1	0.0	7.1	4/28	1.70	2.75	19.55	20.89	94
Camp Jackson	4/29	4	1.6	0.0	5.8	4/28	1.63	2.42	18.18	19.20	95
LaSal Mountain (lower)	4/28	0	0.0	0.0	4.3						
LaSal Mountain (upper)	4/28	24	8.2	5.2	12.6	4/28	1.60	2.99	21.33	17.17	124
Monticello City Park				0.0							
ESCALANTE RIVER											
Widtsoe-Escalante #3	4/27	38	12.2	6.5	9.0	4/27	2.57	3.14	18.85	15.21	124
VIRGIN RIVER											
Kolob-Crystal	4/27	51	21.4	12.2	22.5 <sup>a</sup>	4/27	4.90 <sup>a</sup>		29.50 <sup>a</sup>		
Long Valley Junction	4/27	0	0.0	0.0							
Webster Flat	4/27	40	21.1	10.5	13.8	4/27	3.86	3.81	29.40	23.08	127
a - Partly Estimated b - Average of past record in average period - less than 15 years + - 1963-77 15 year average period (A) - Aerial Marker Reading											

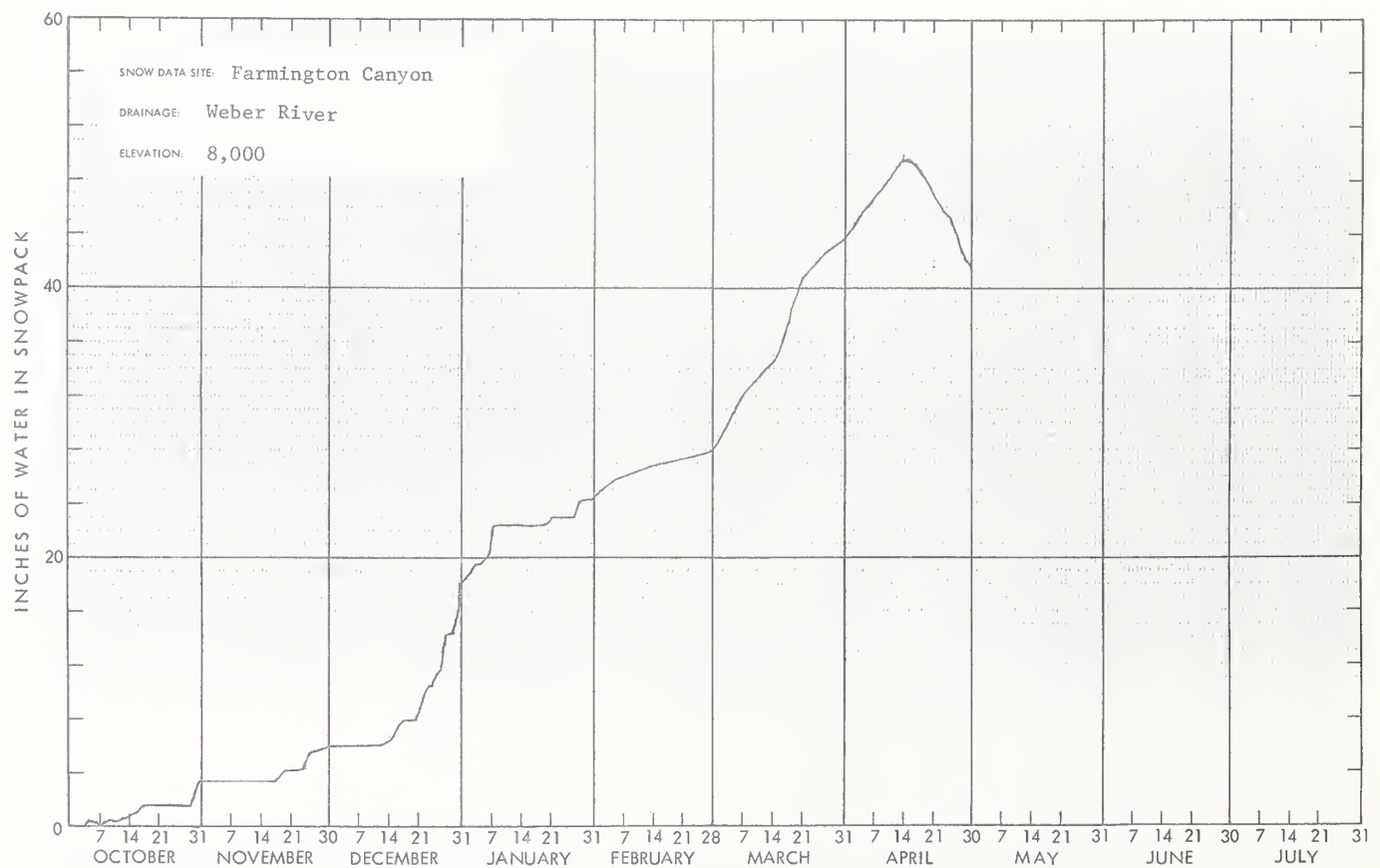
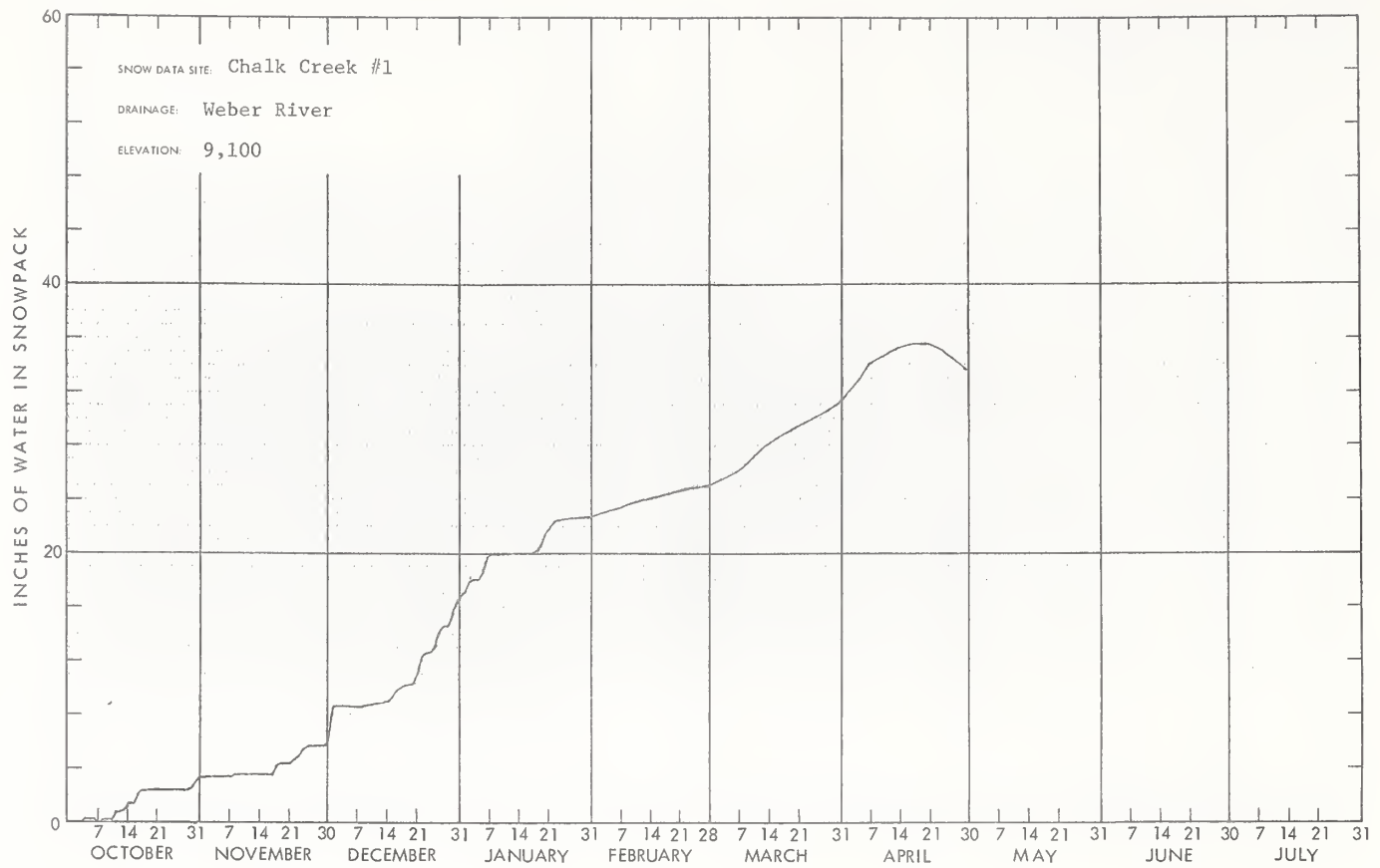


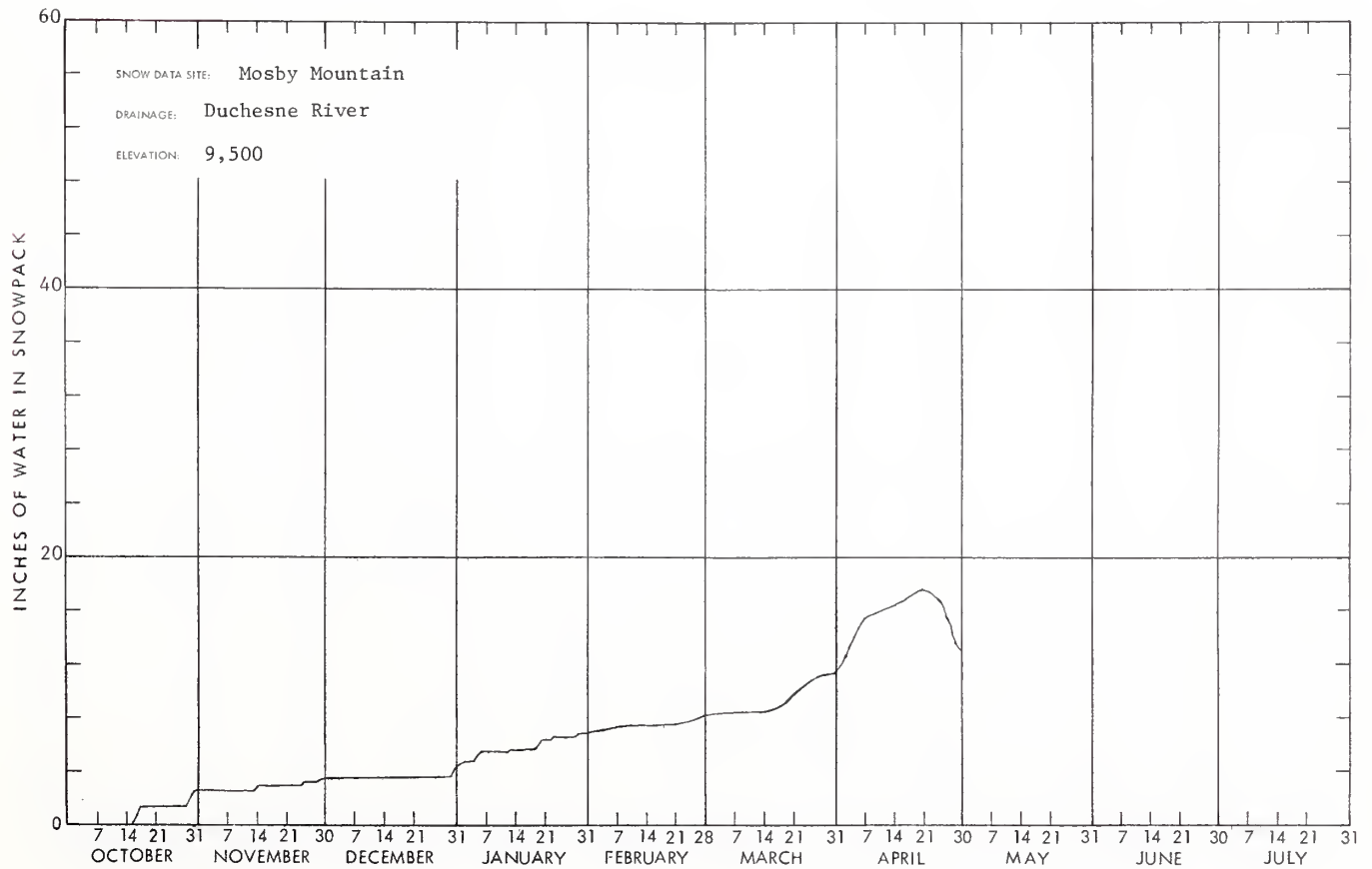
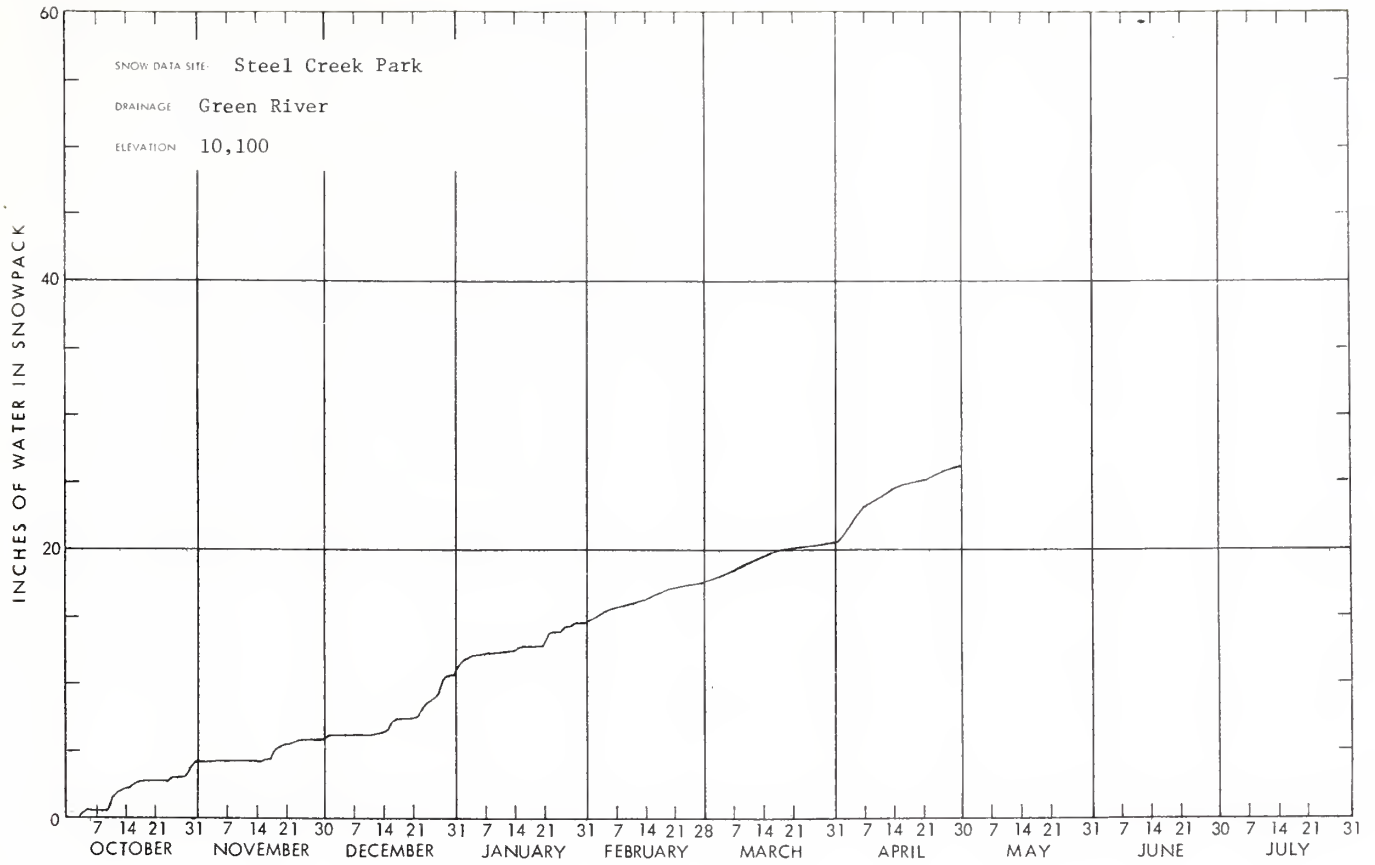


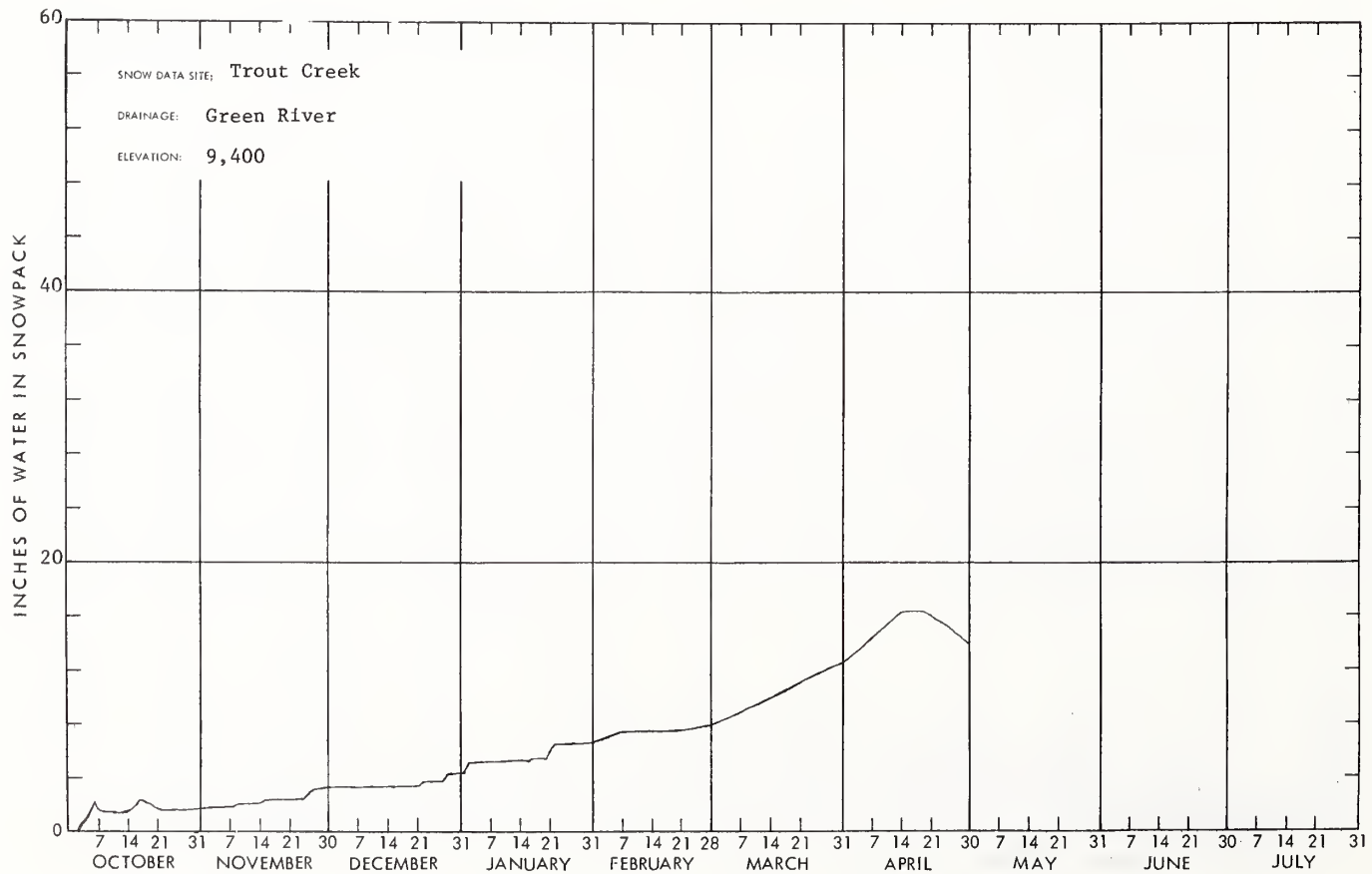
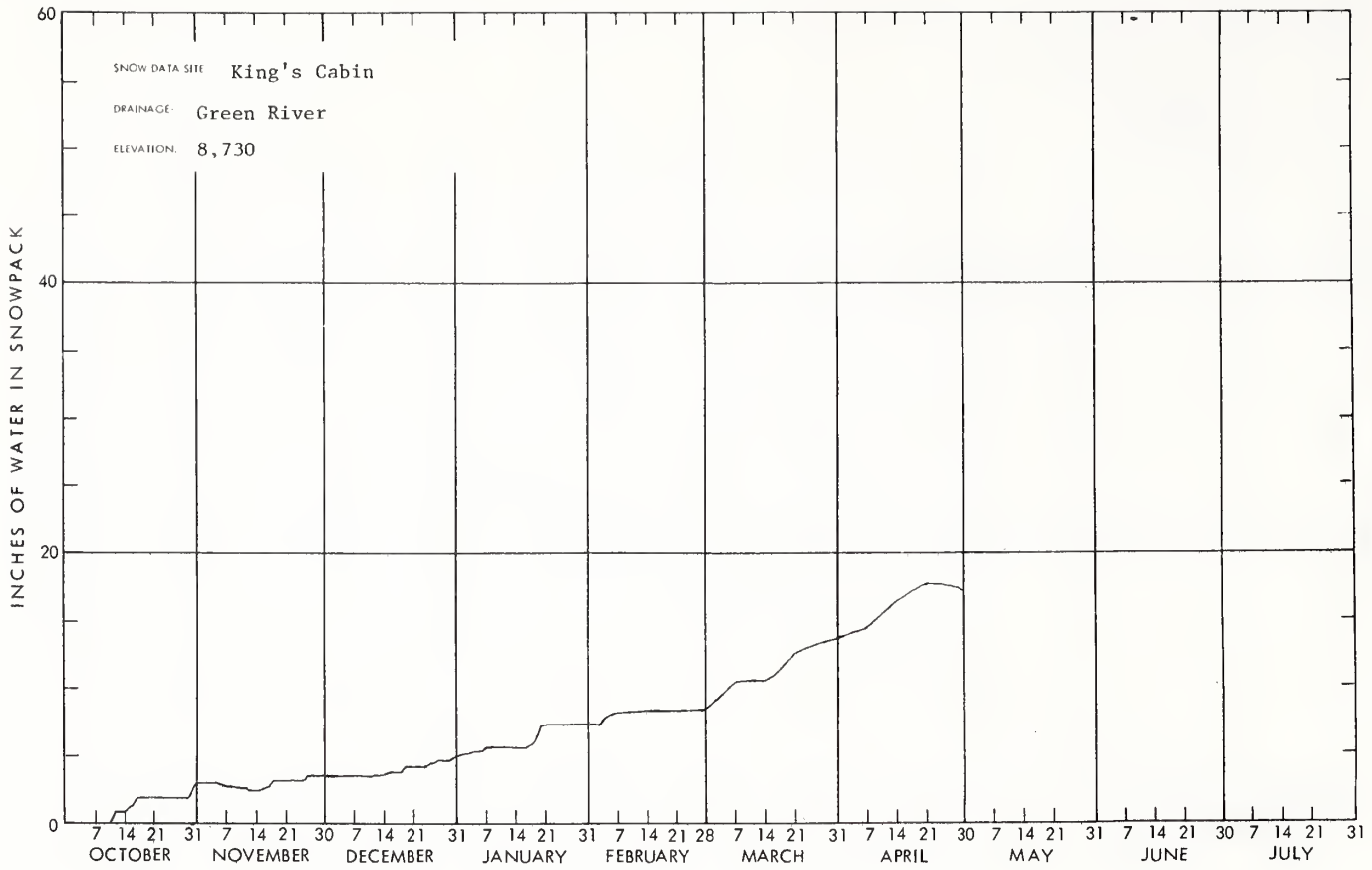




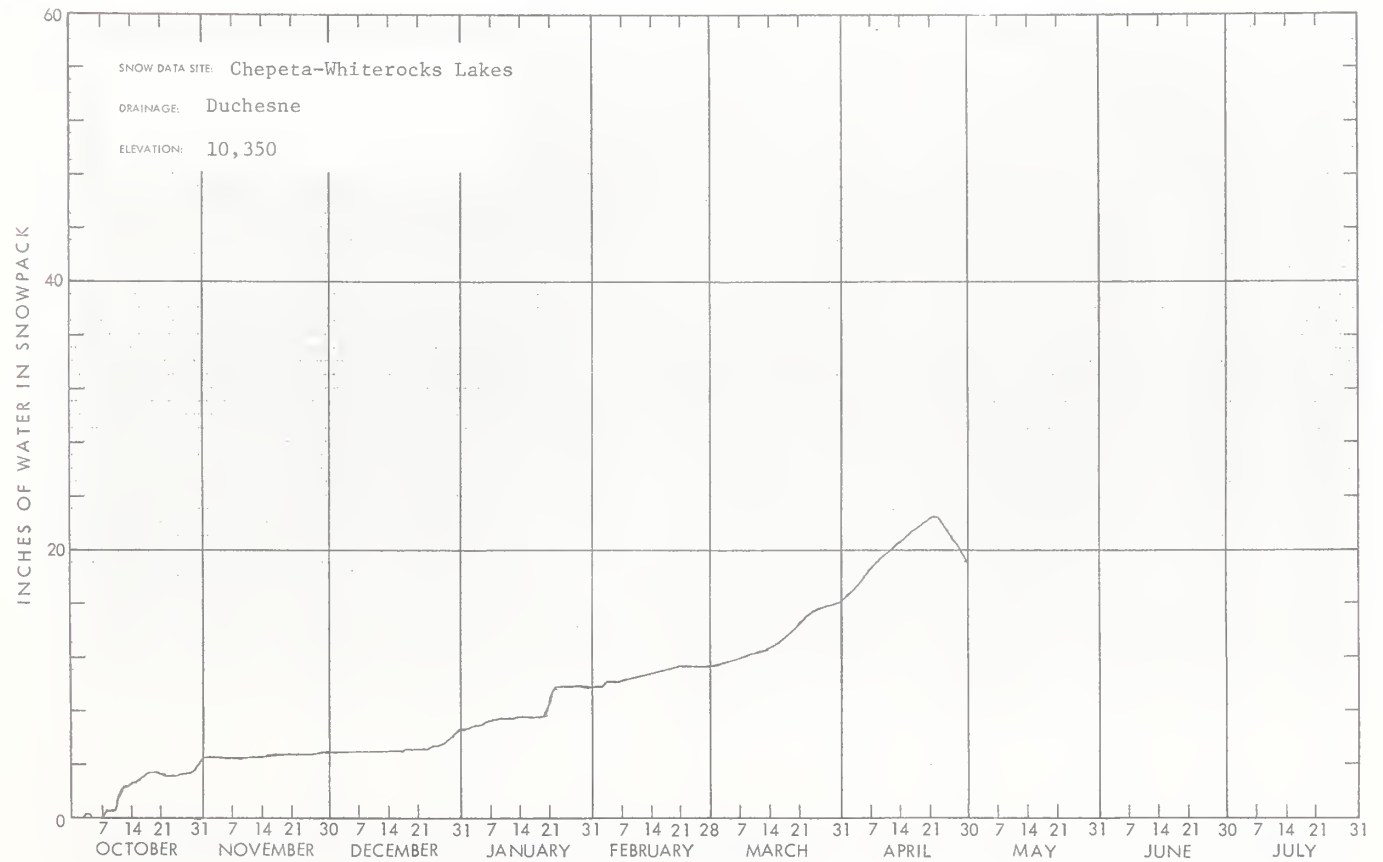
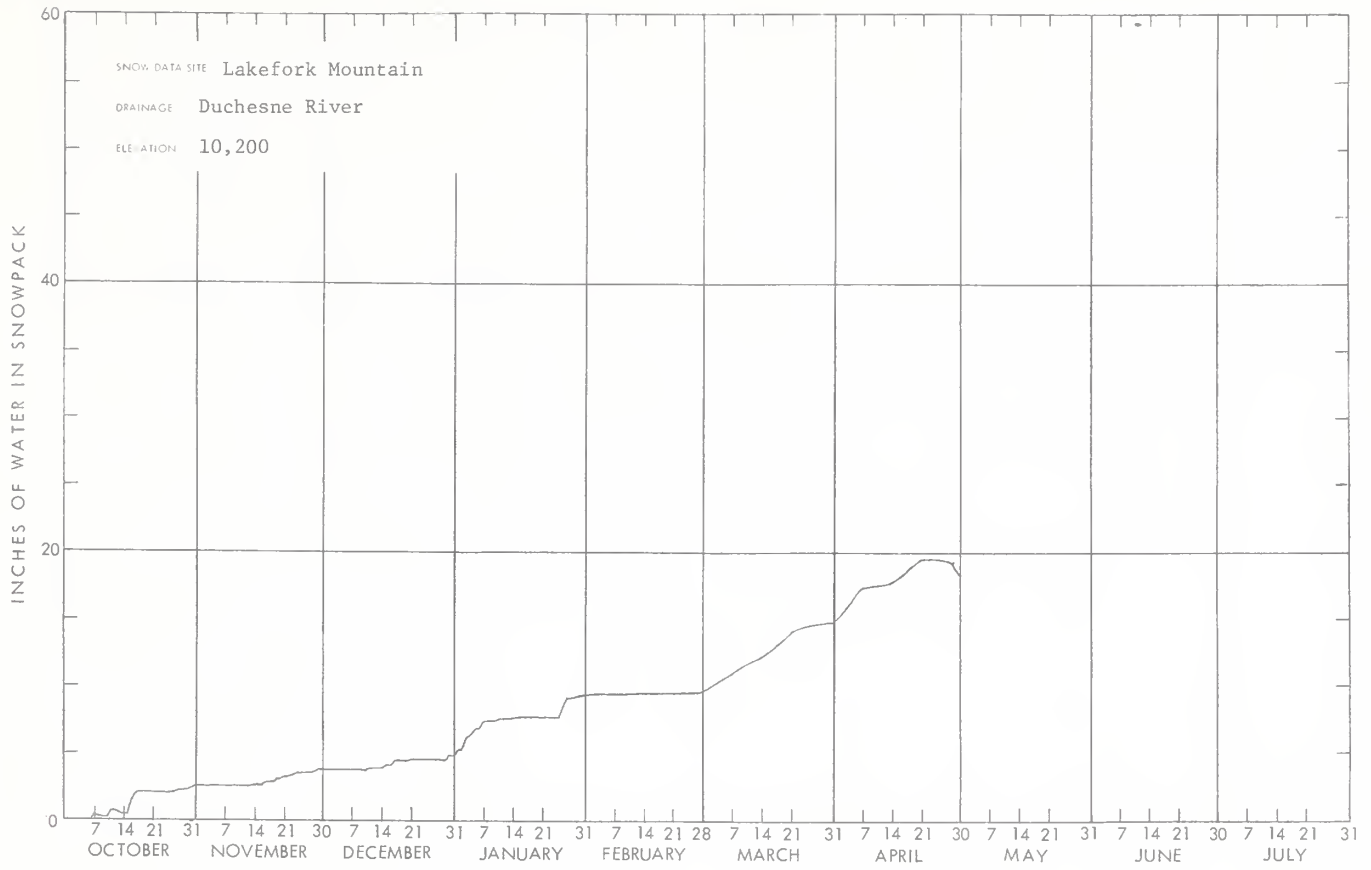


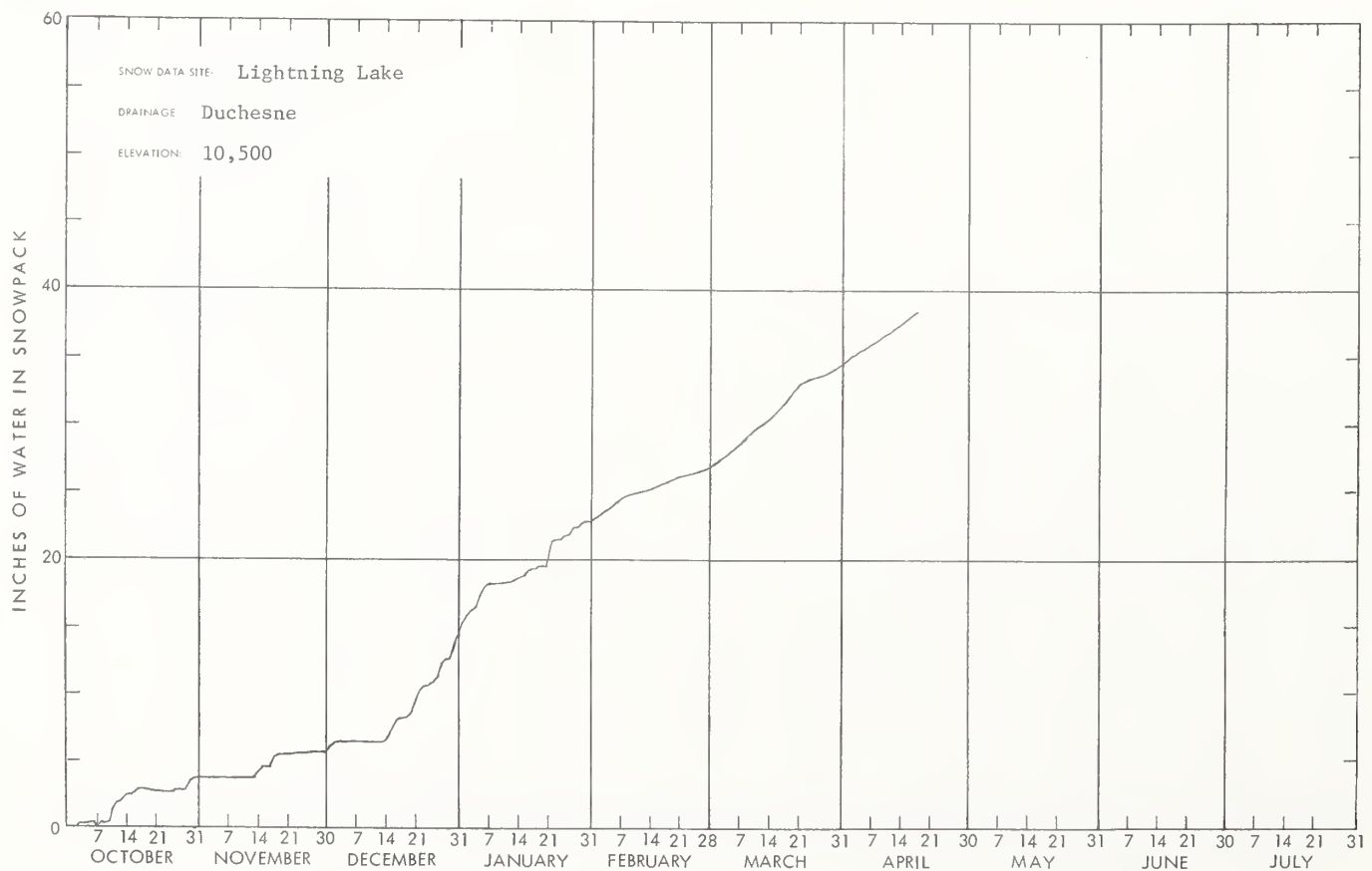
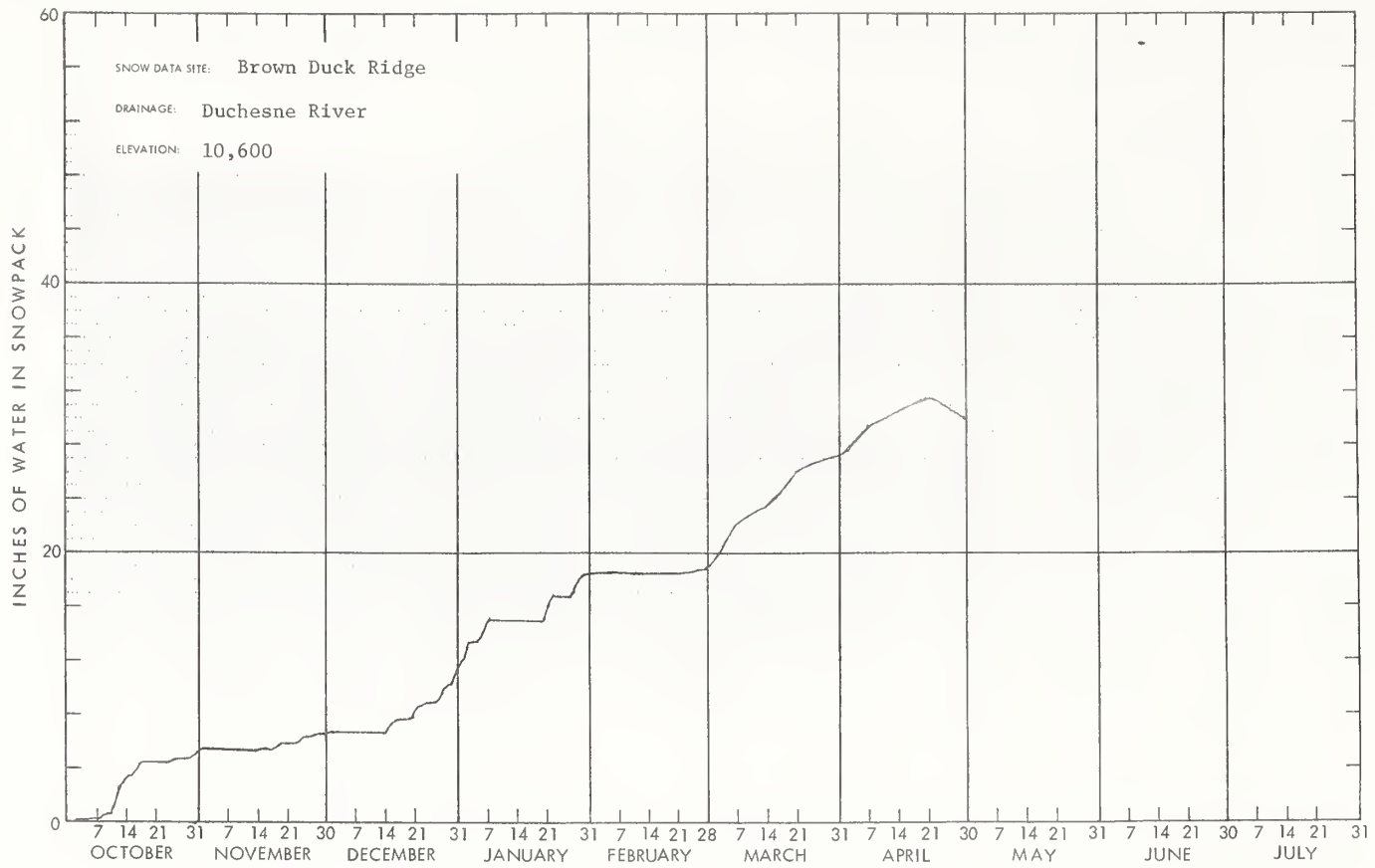




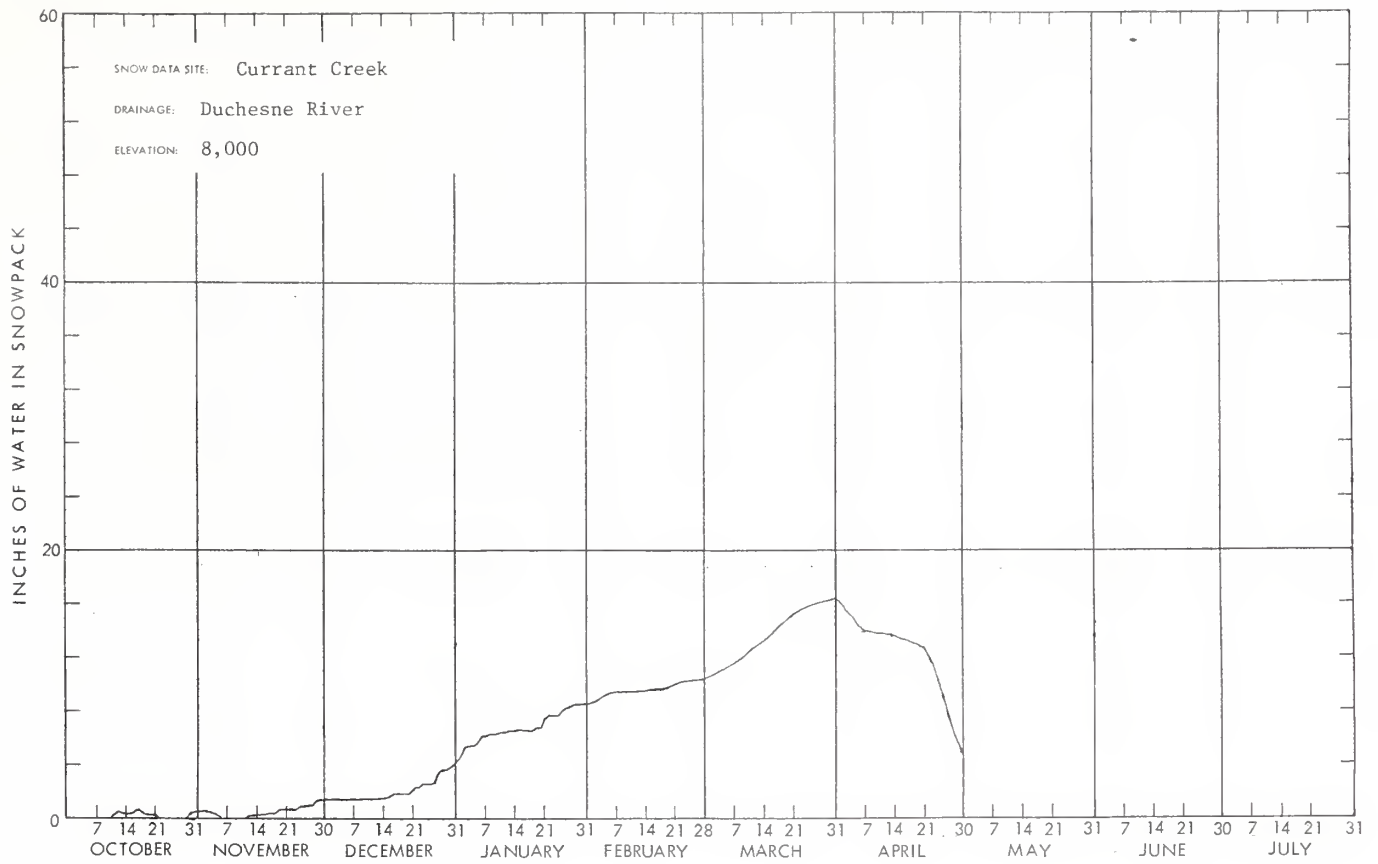




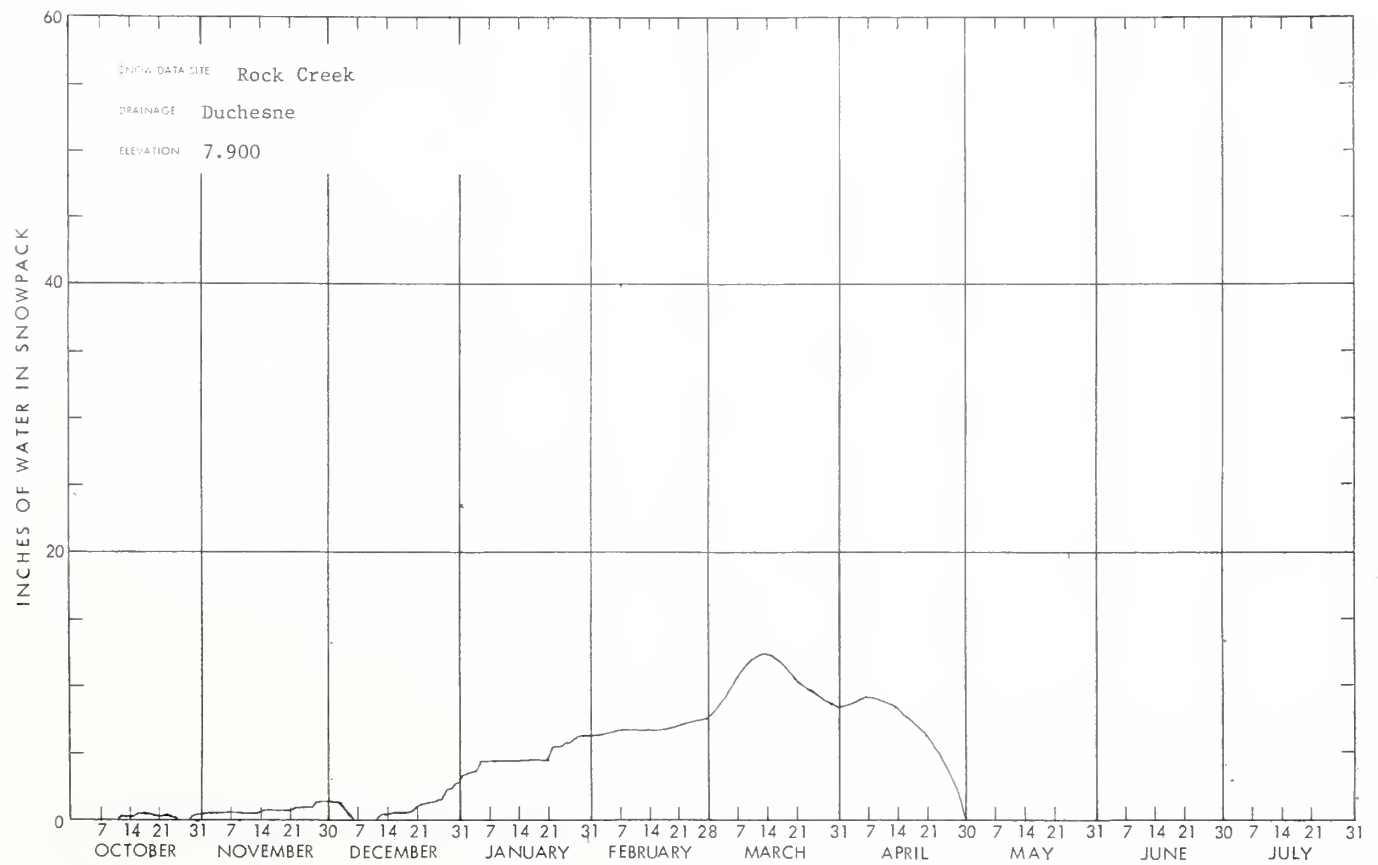




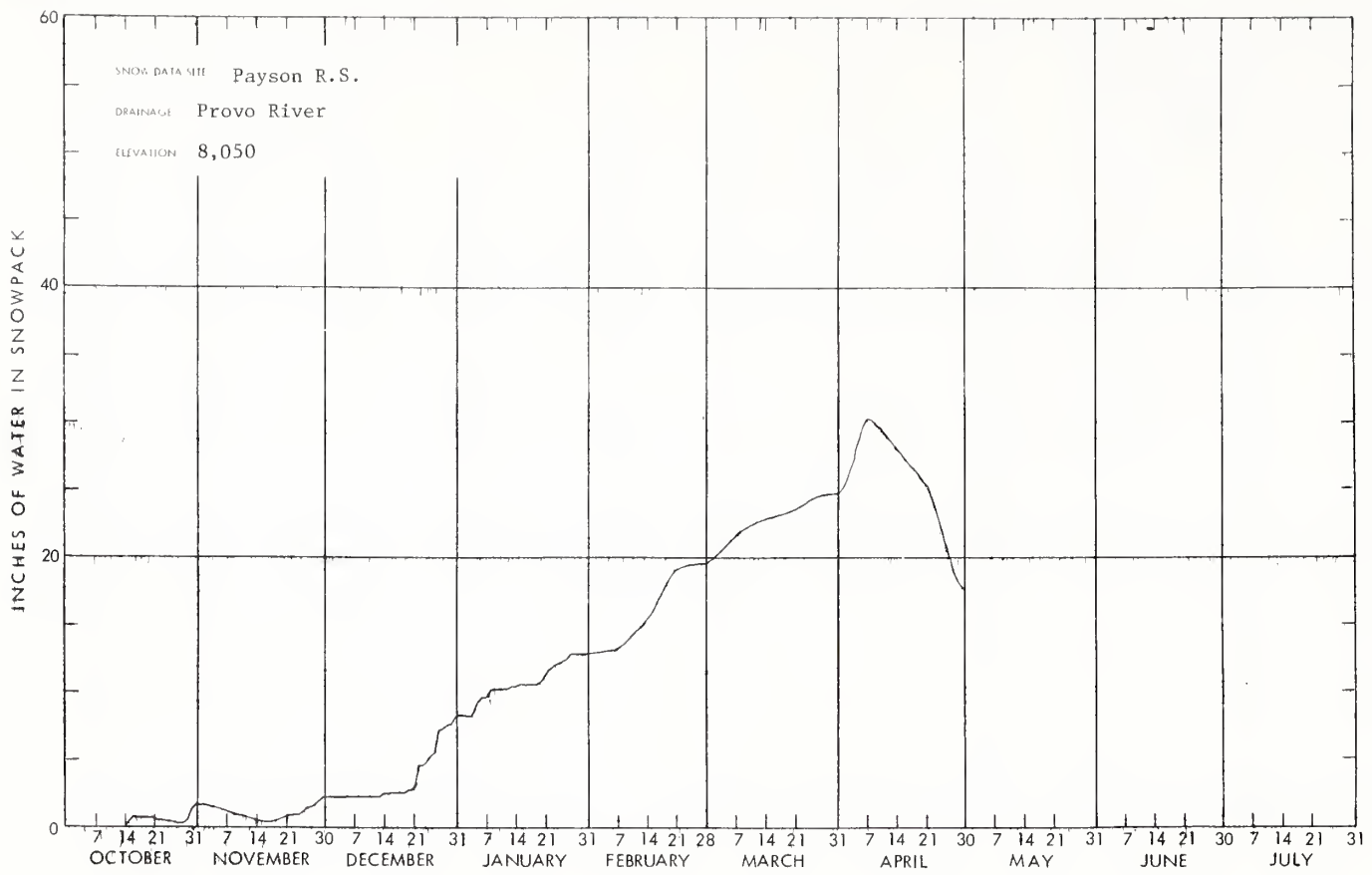
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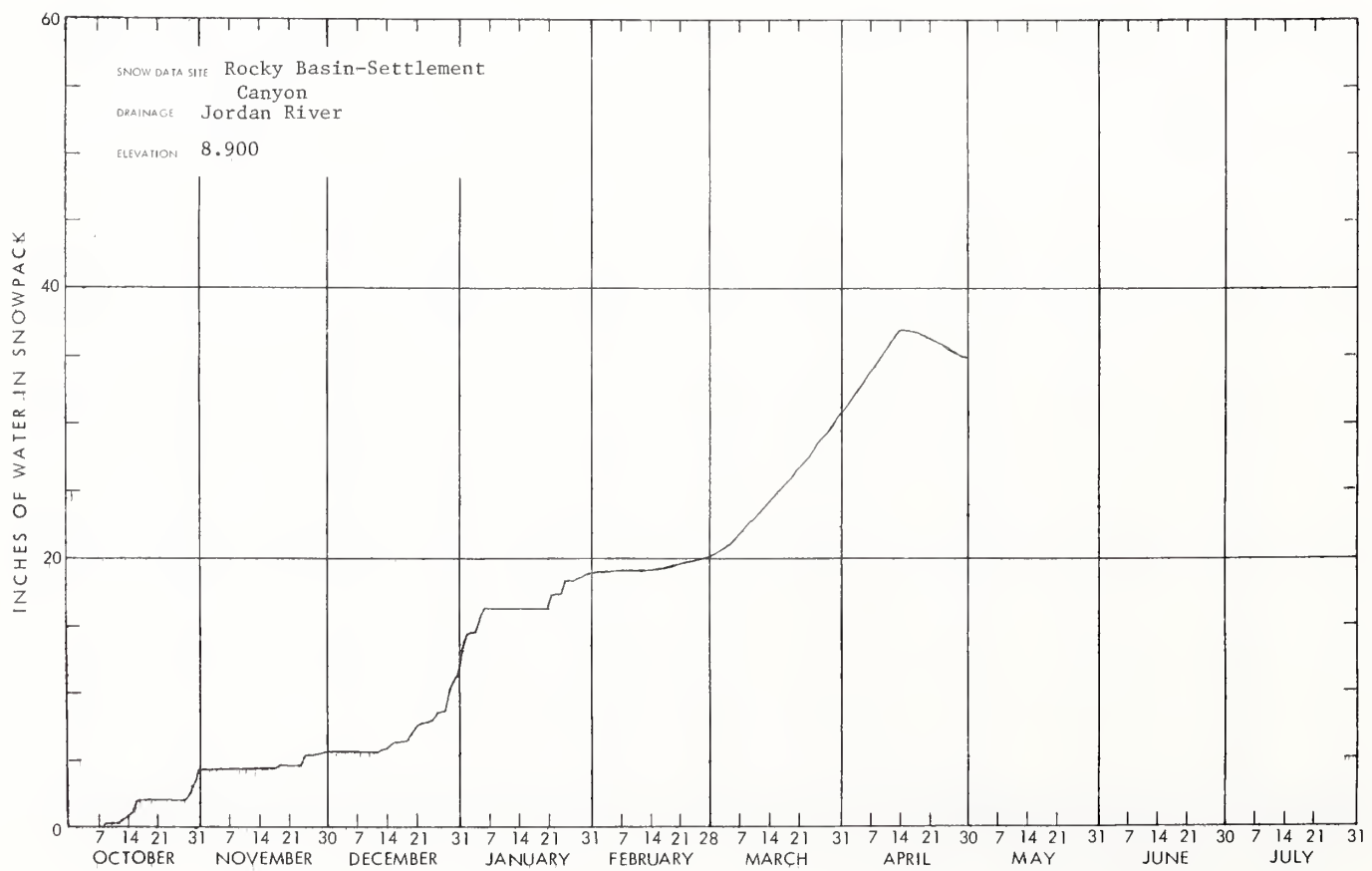
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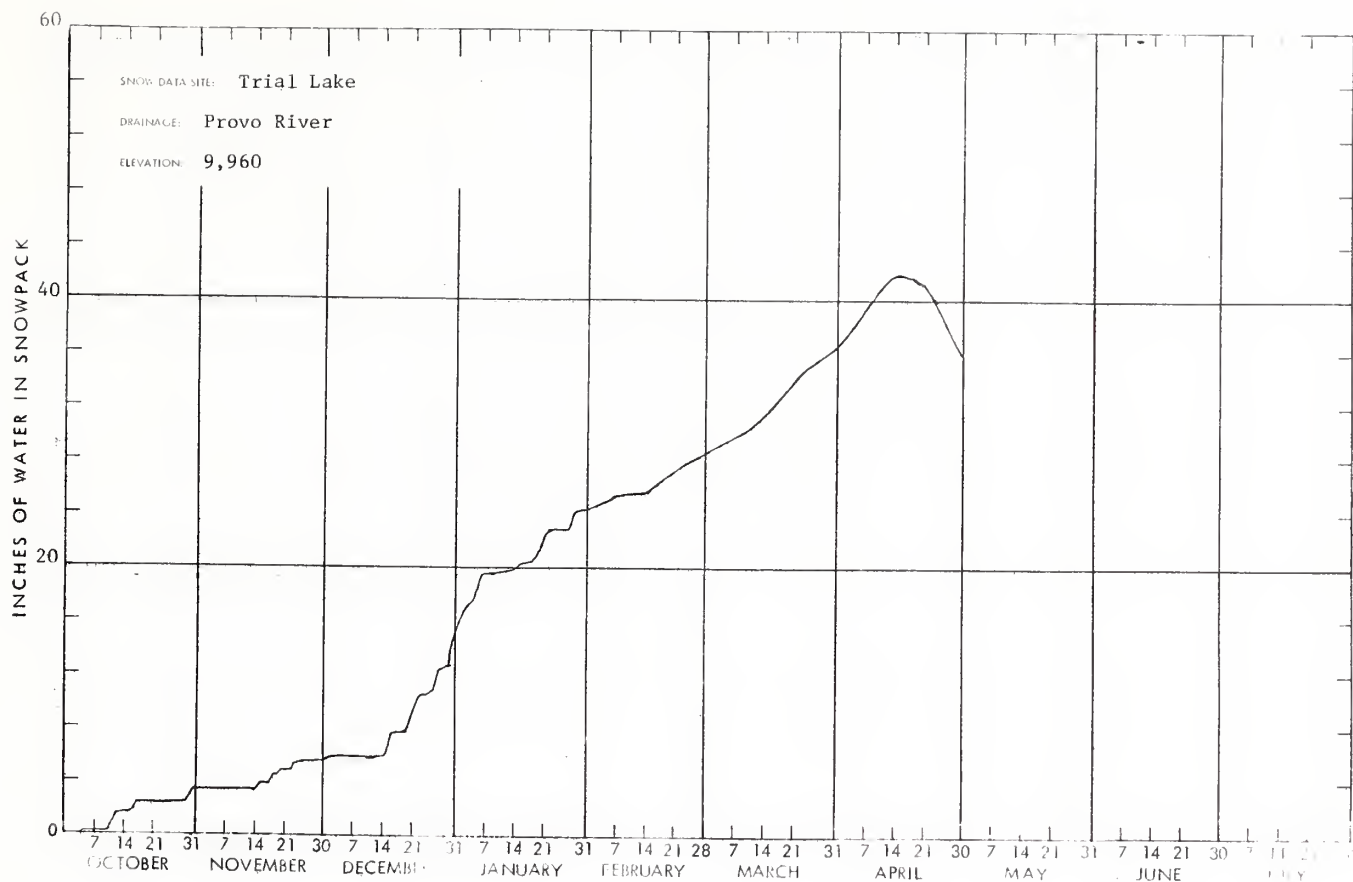




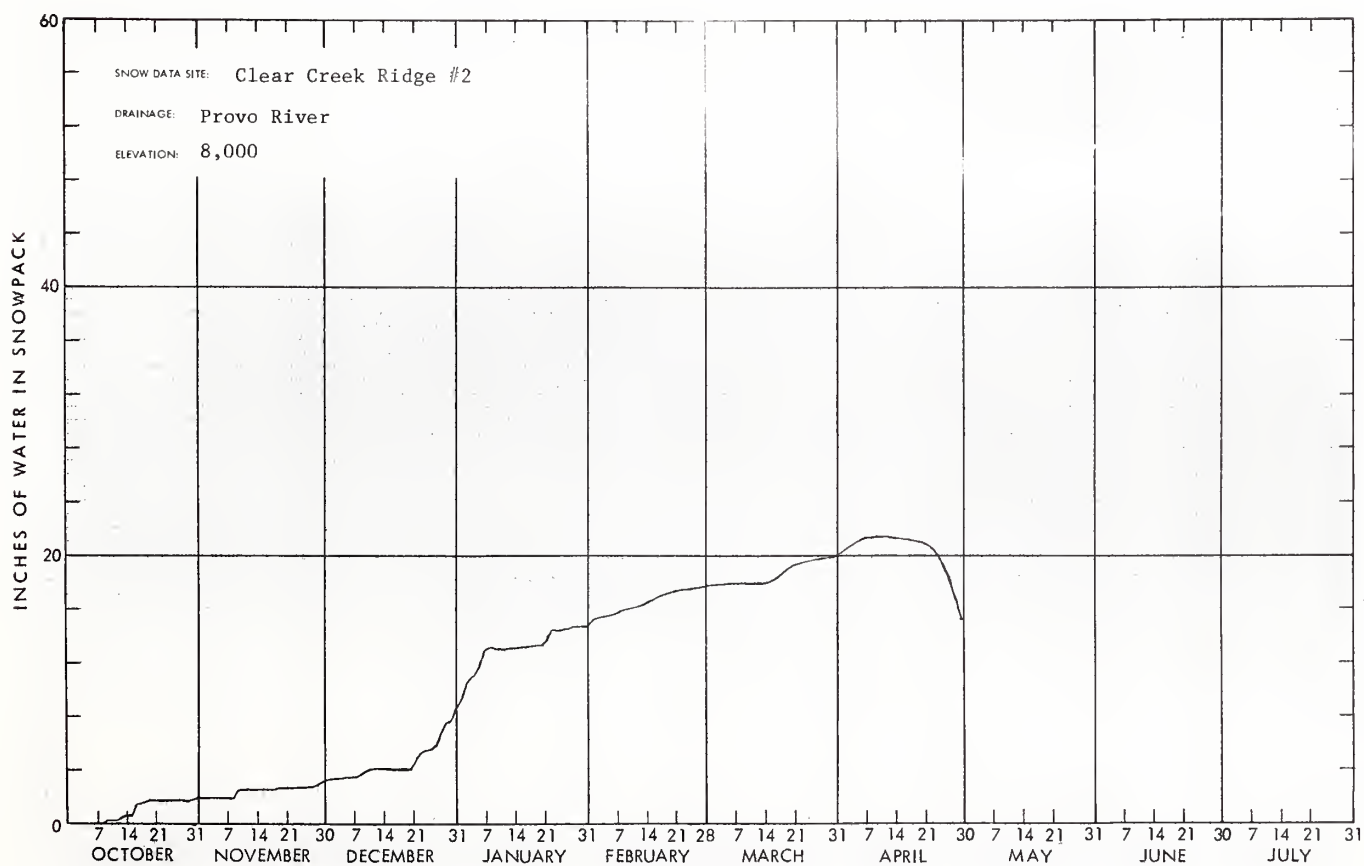


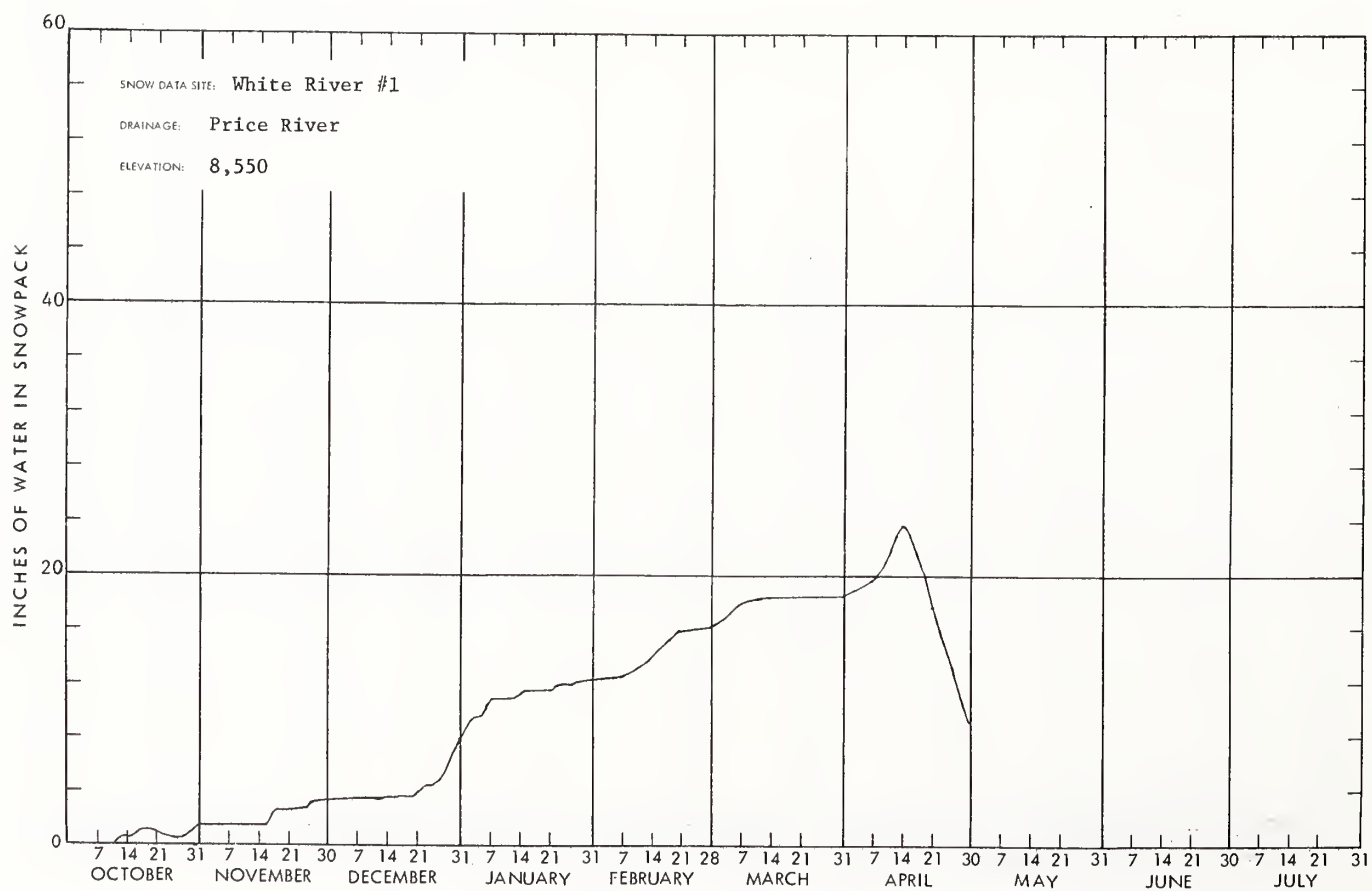
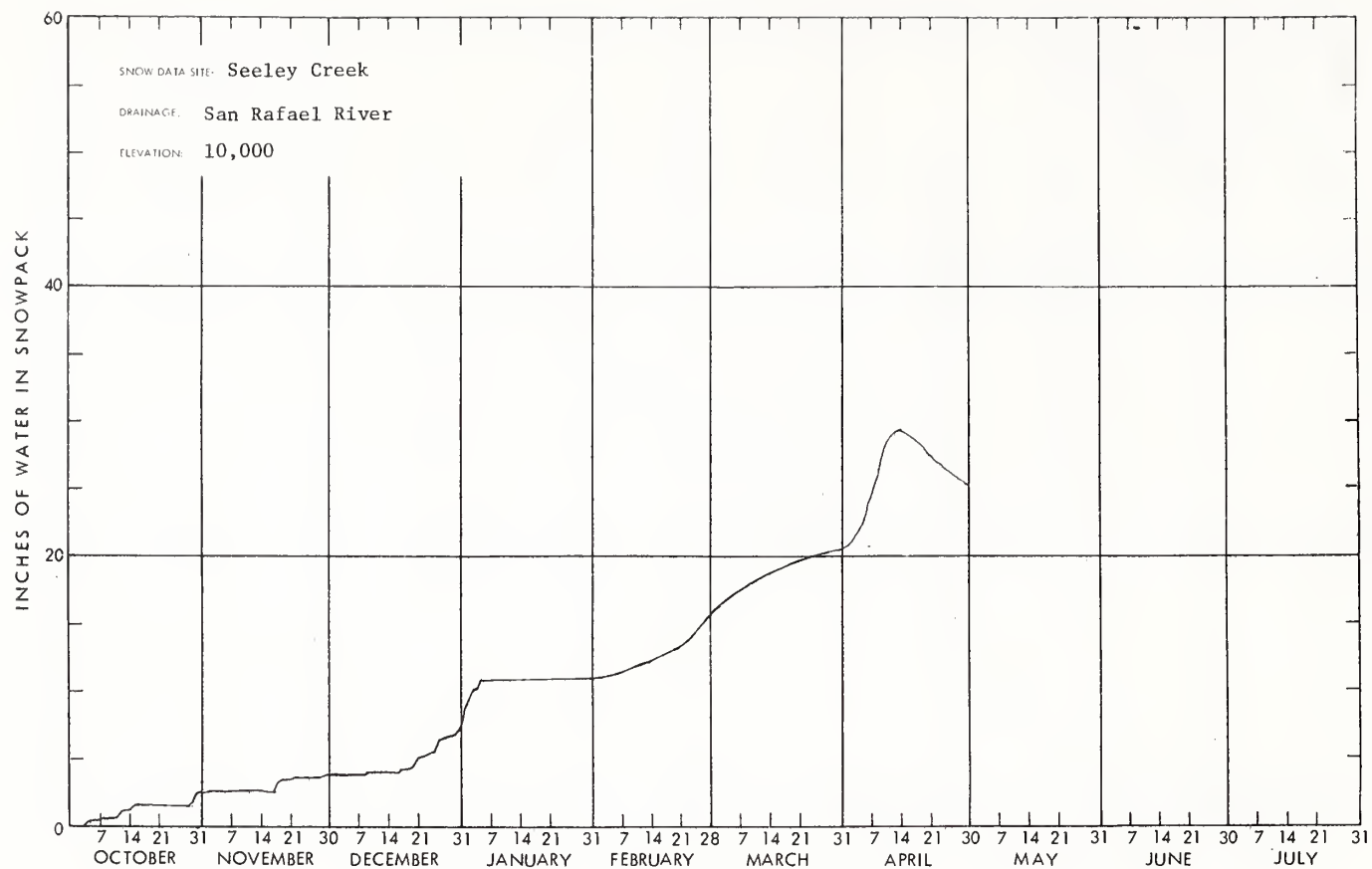
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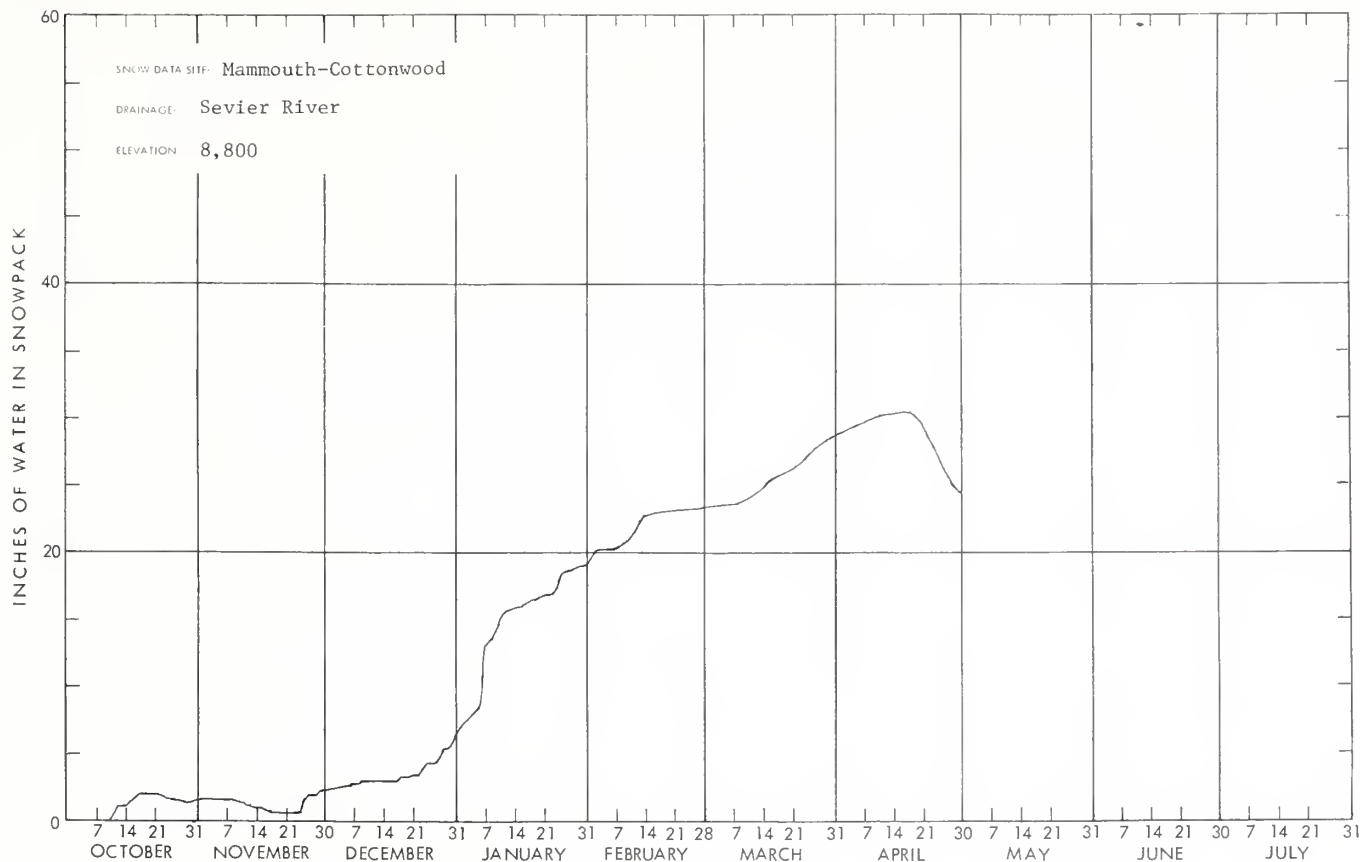


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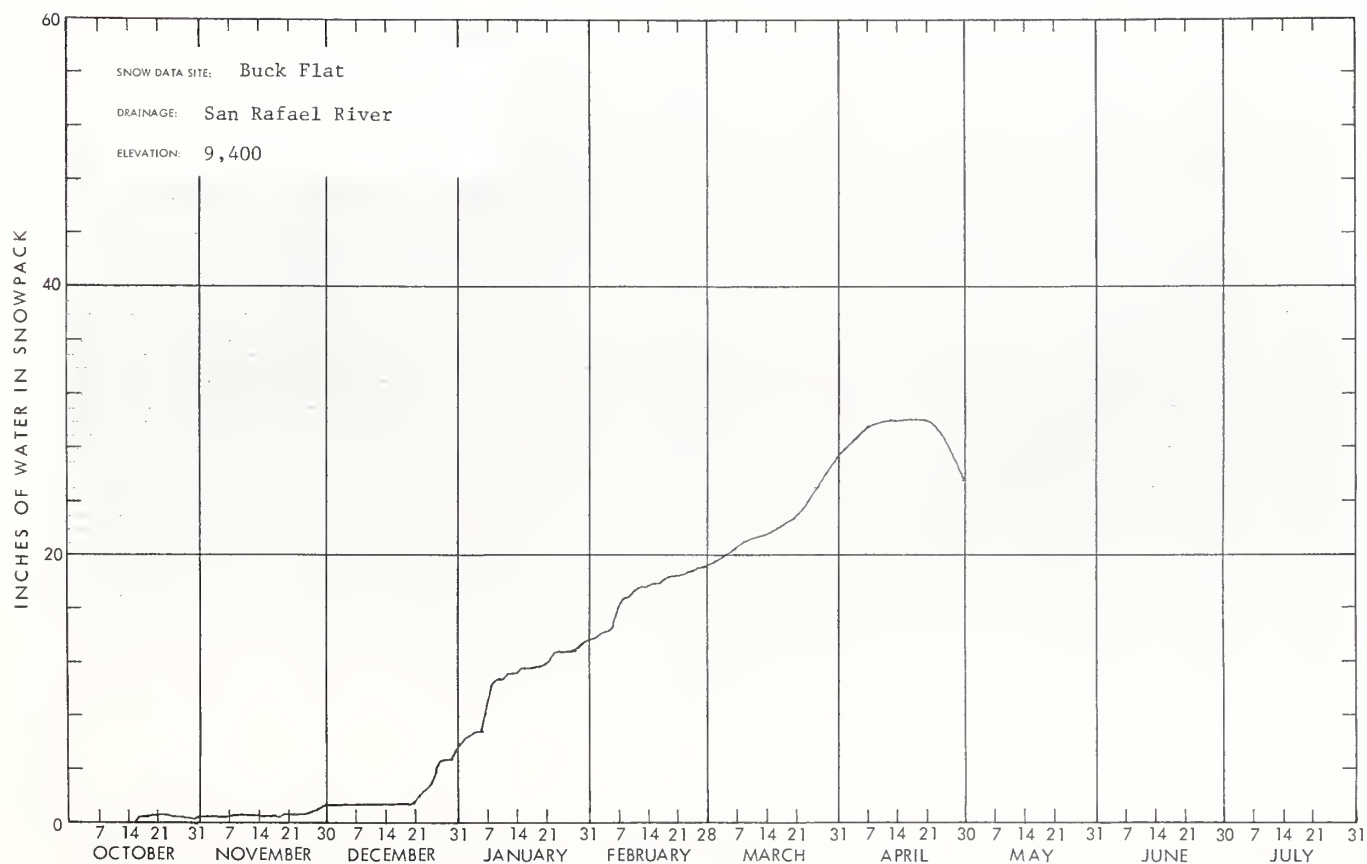


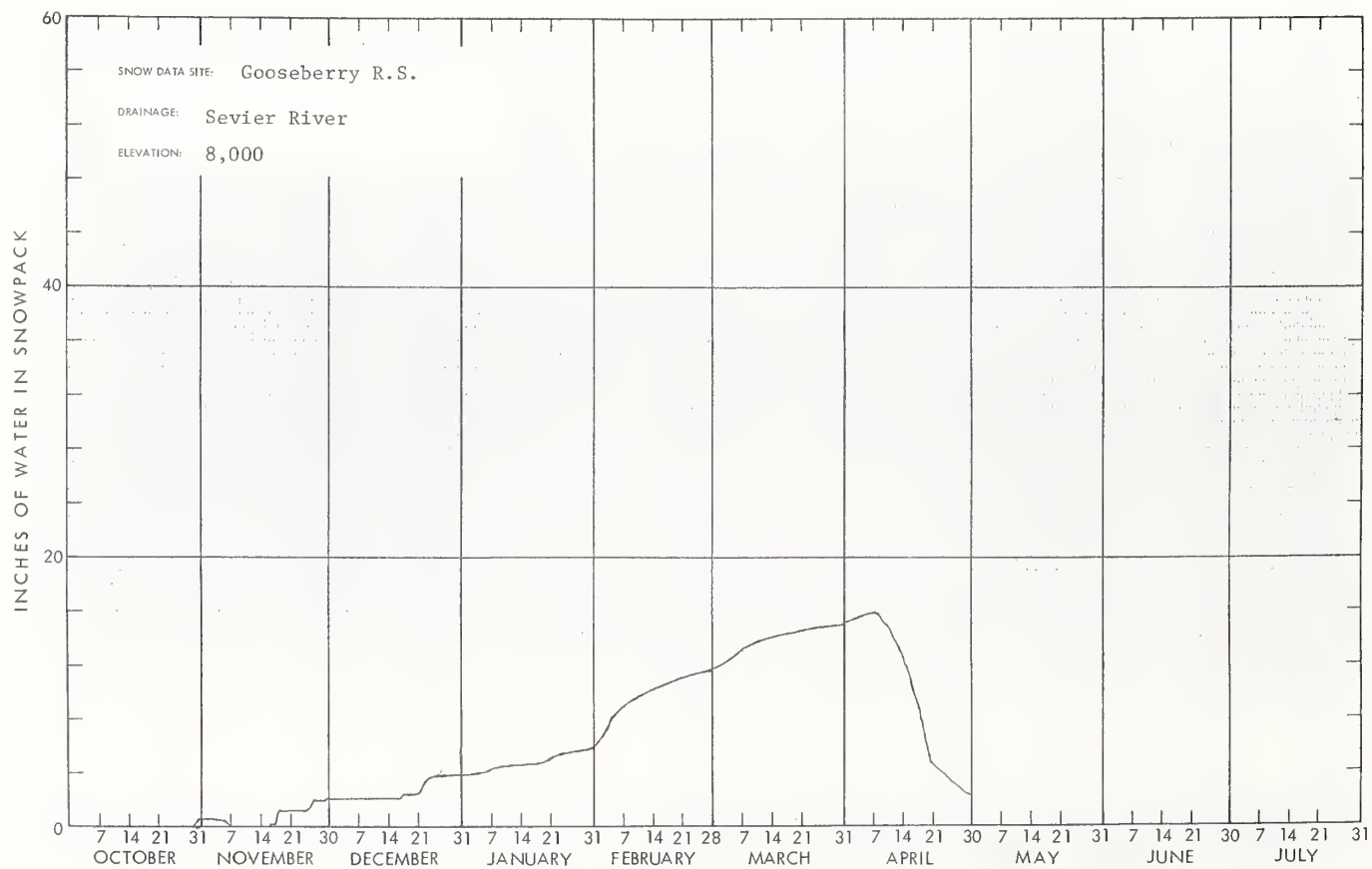
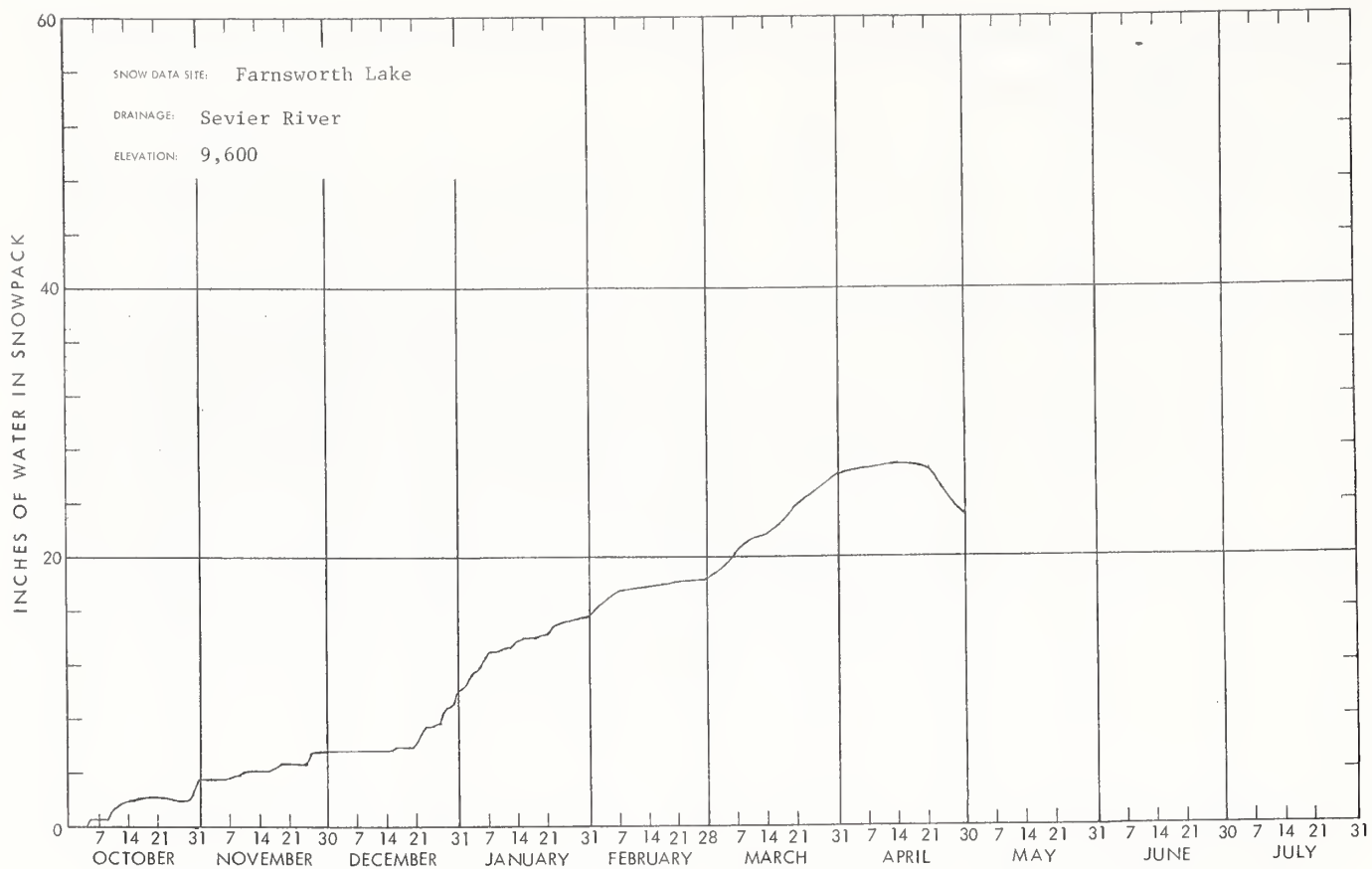


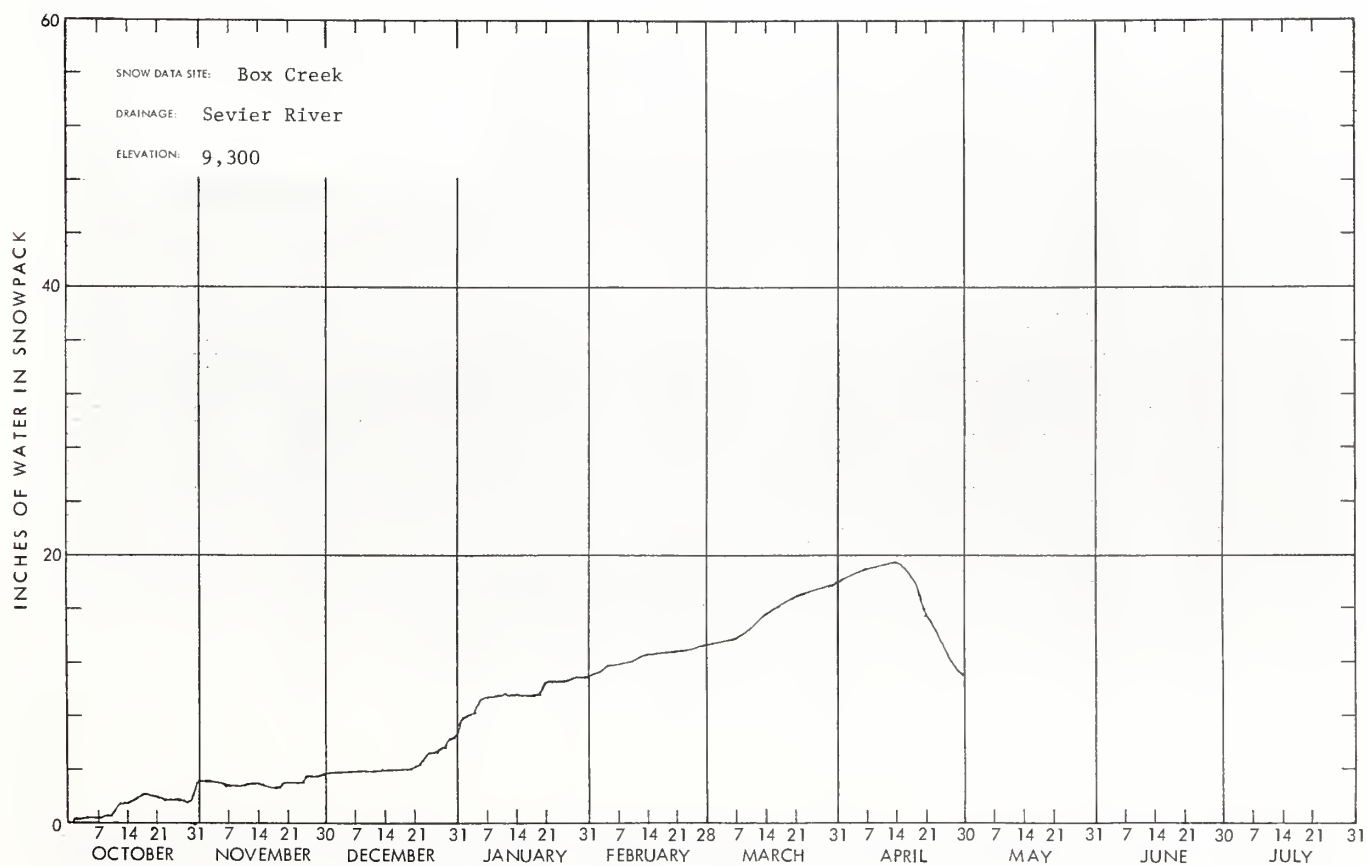
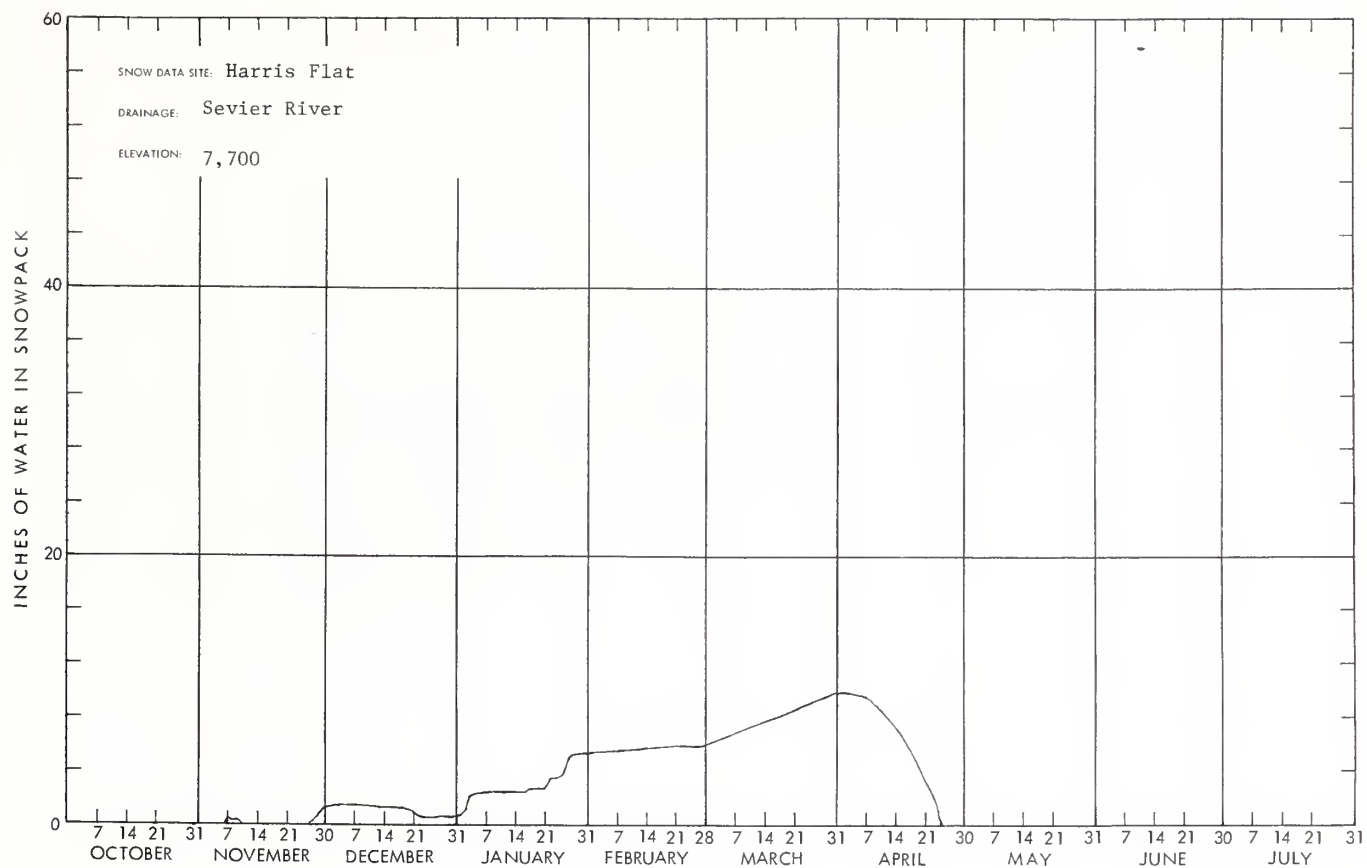




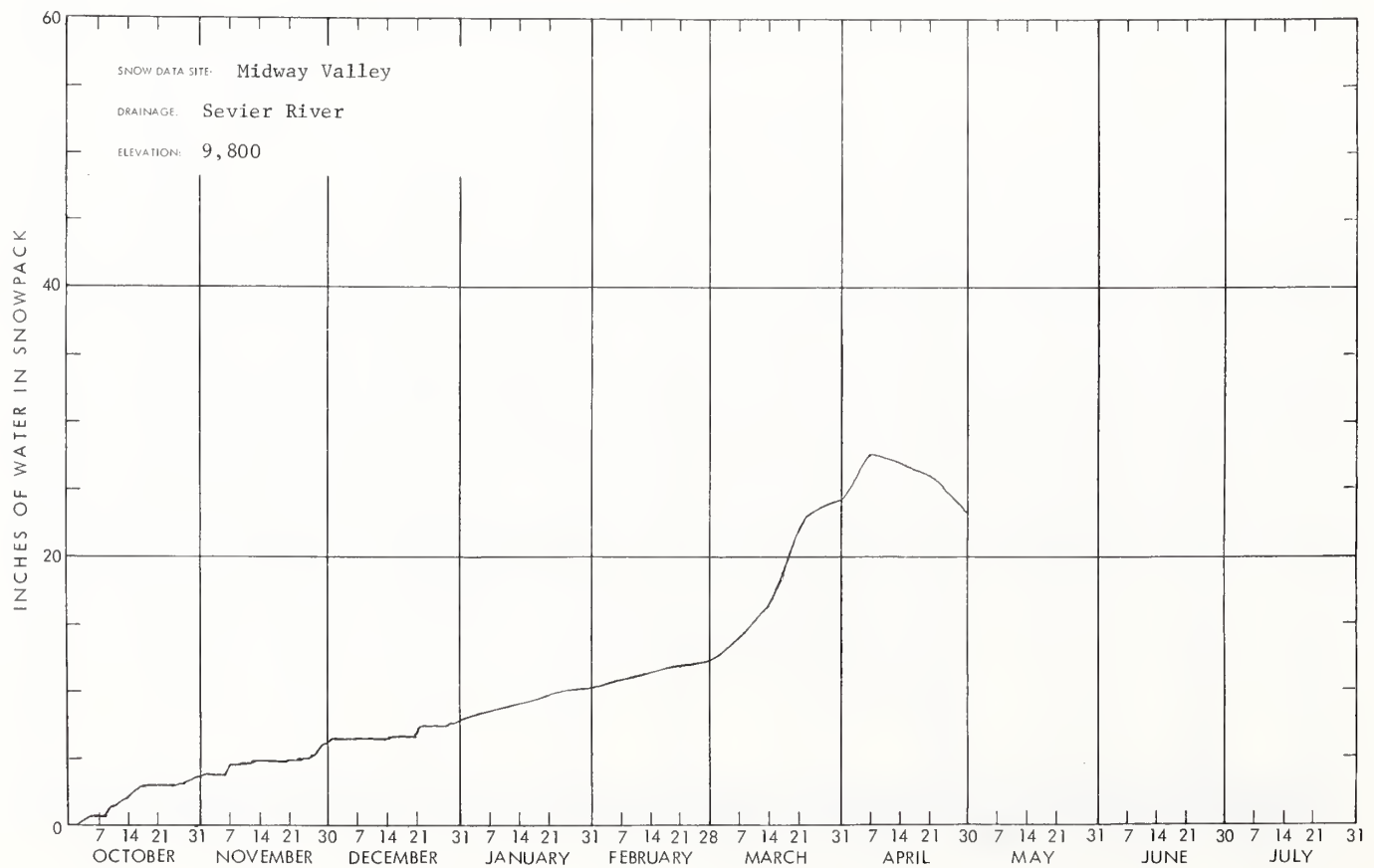
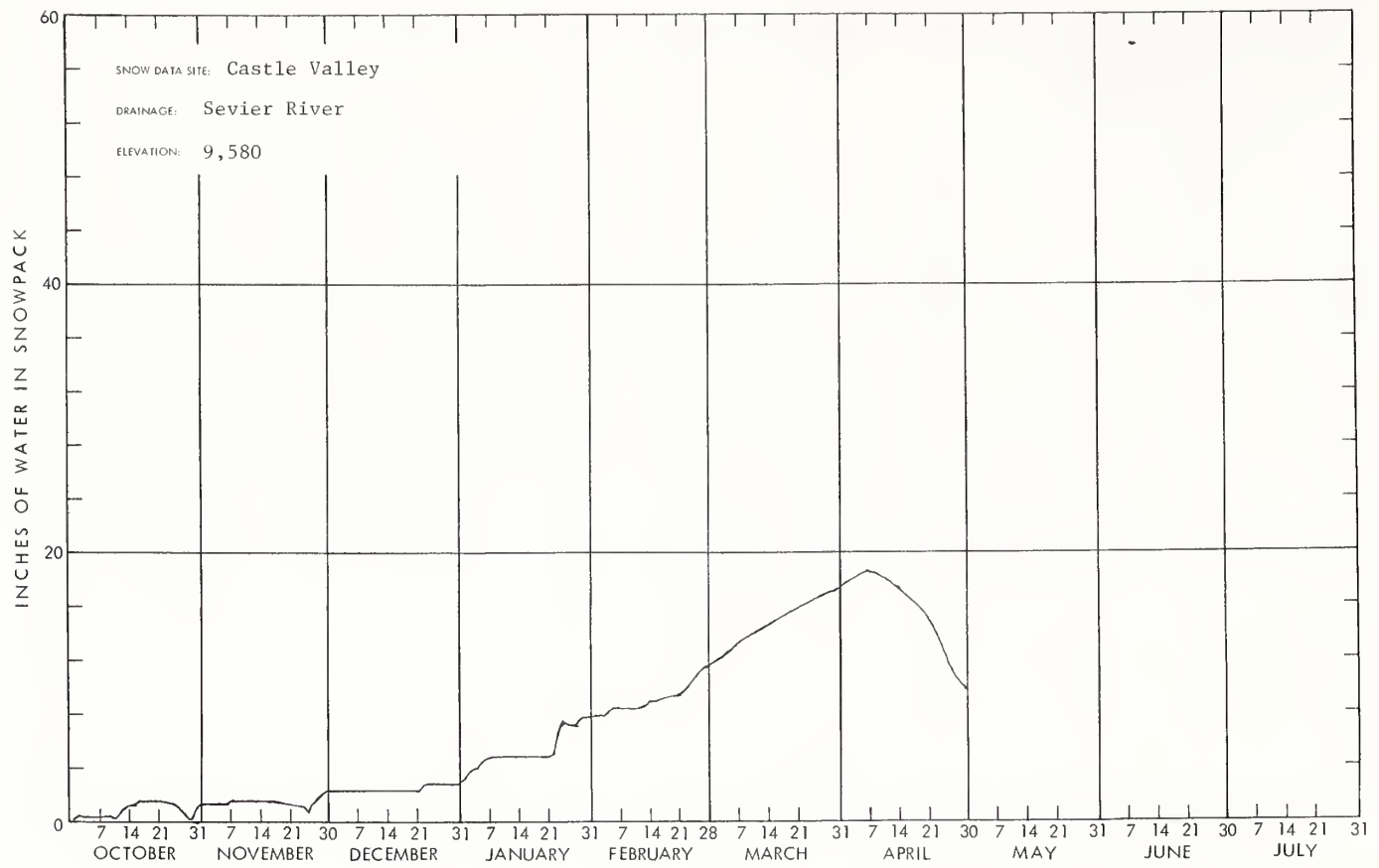
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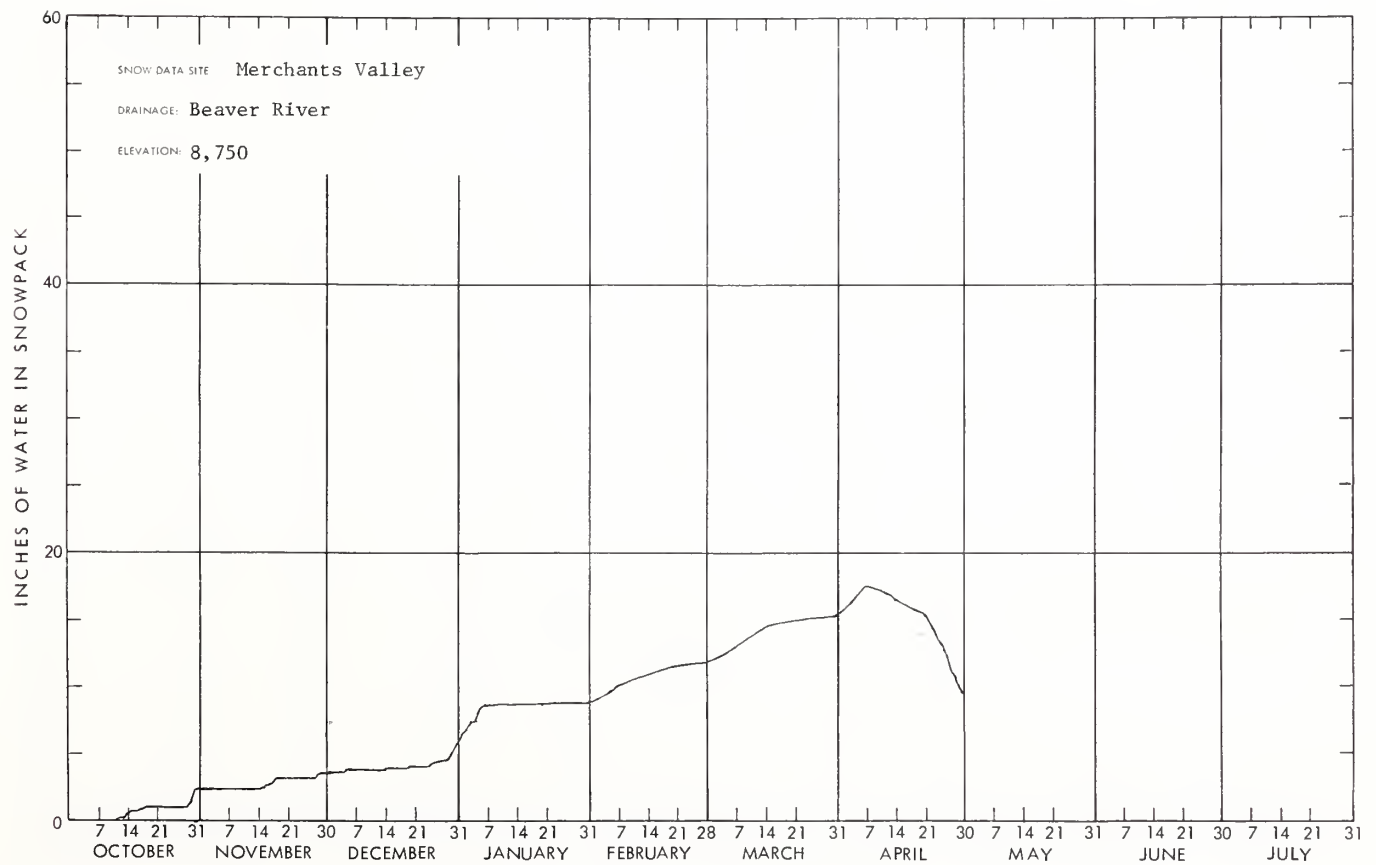
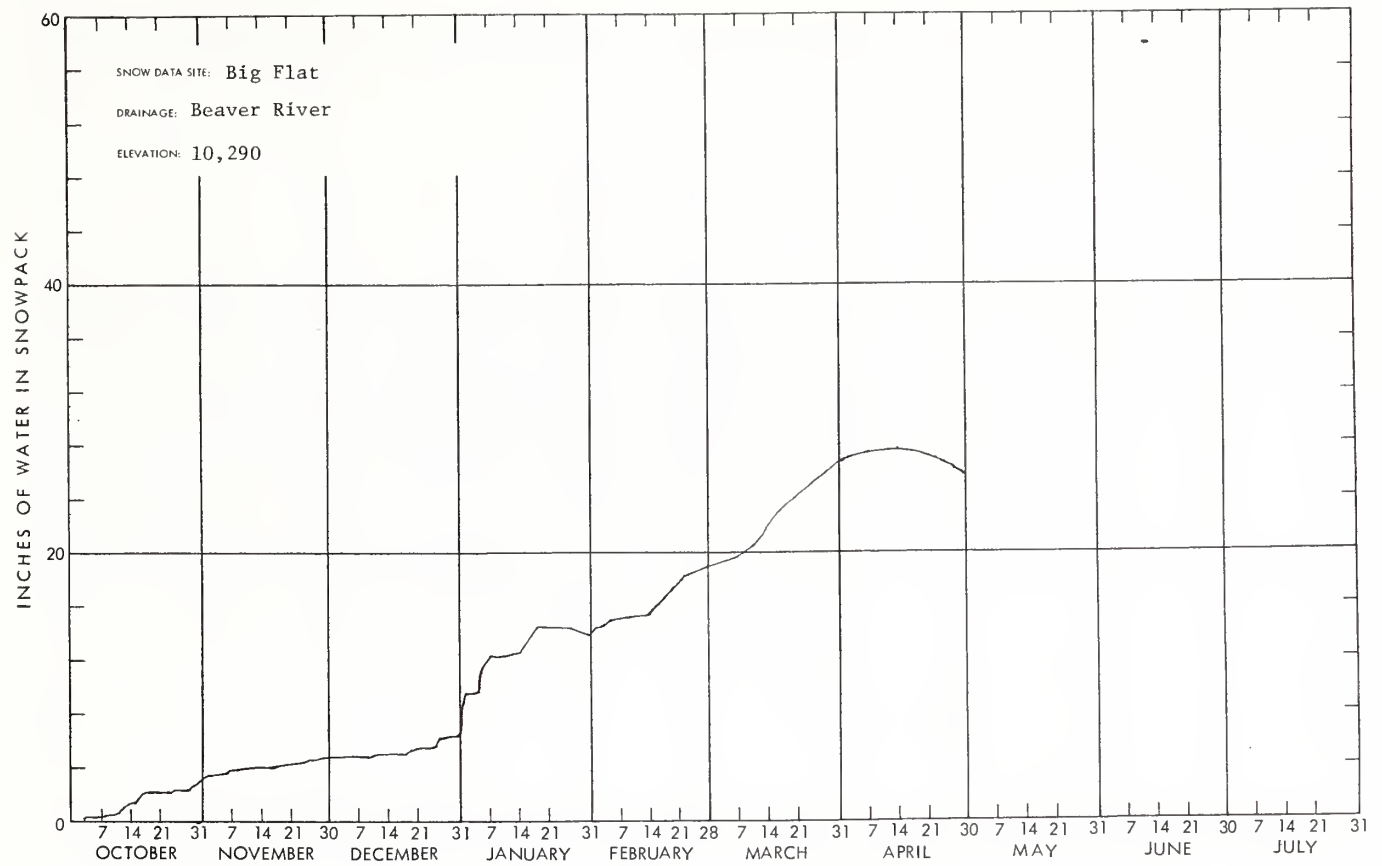




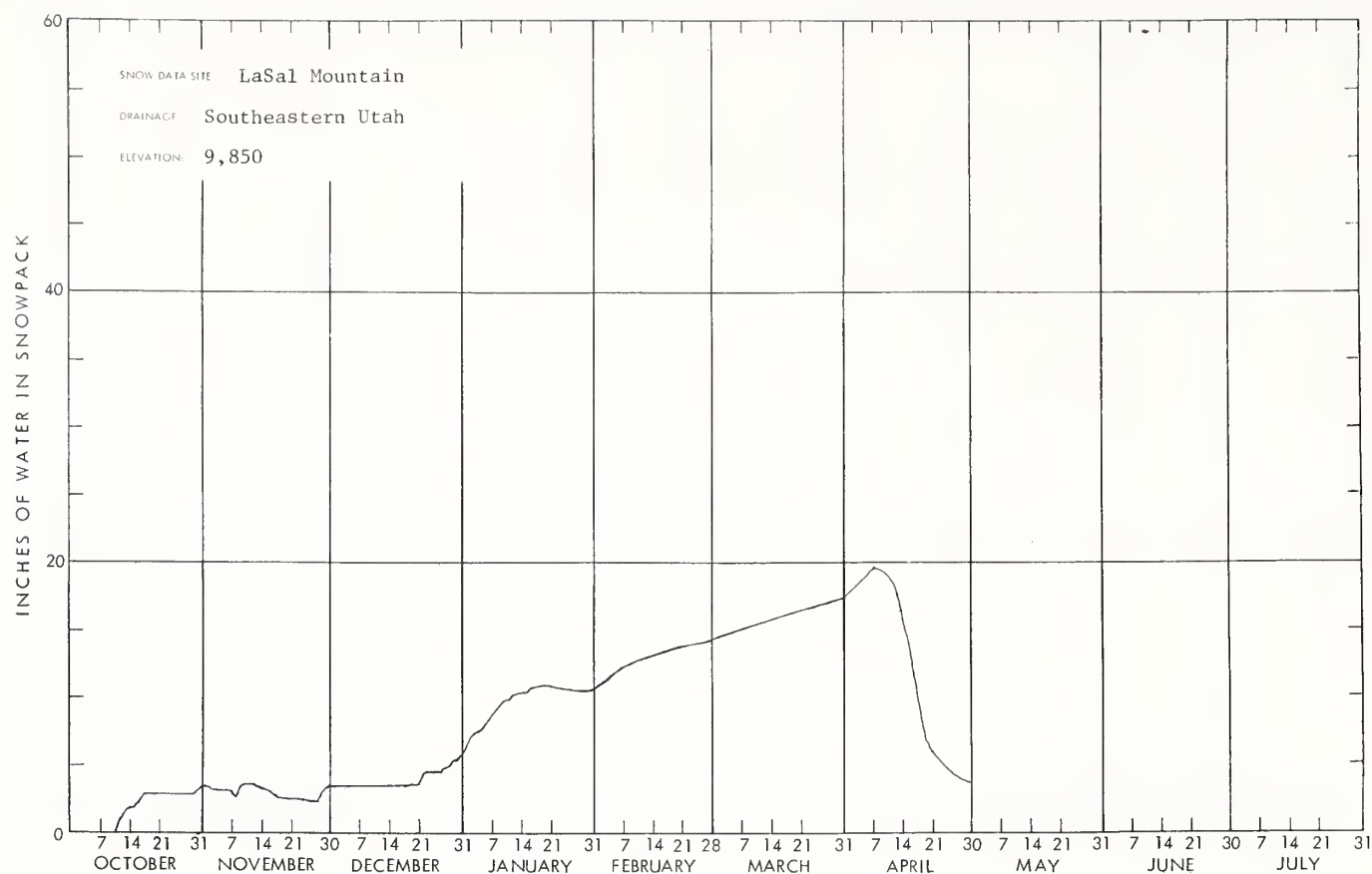






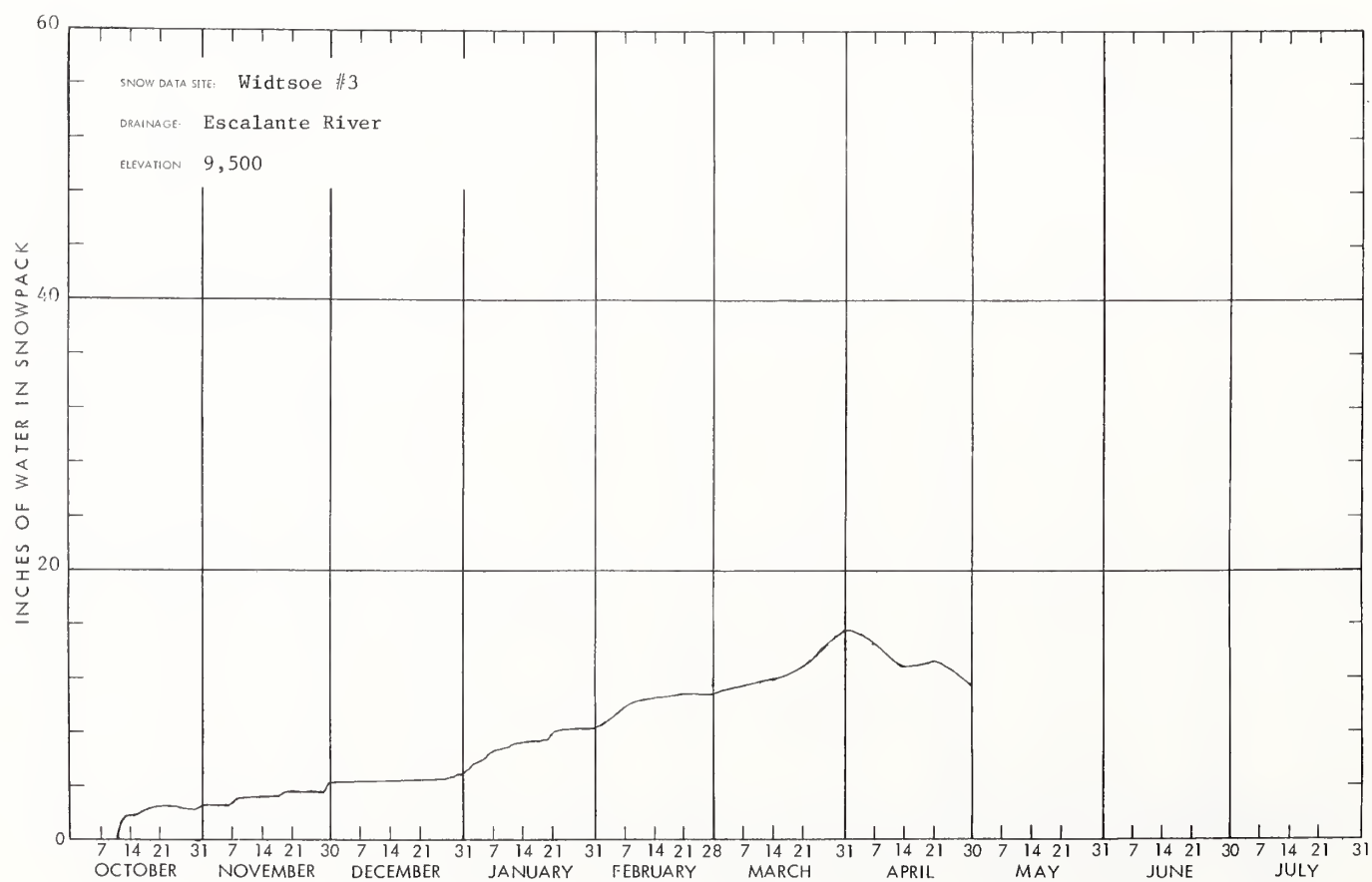


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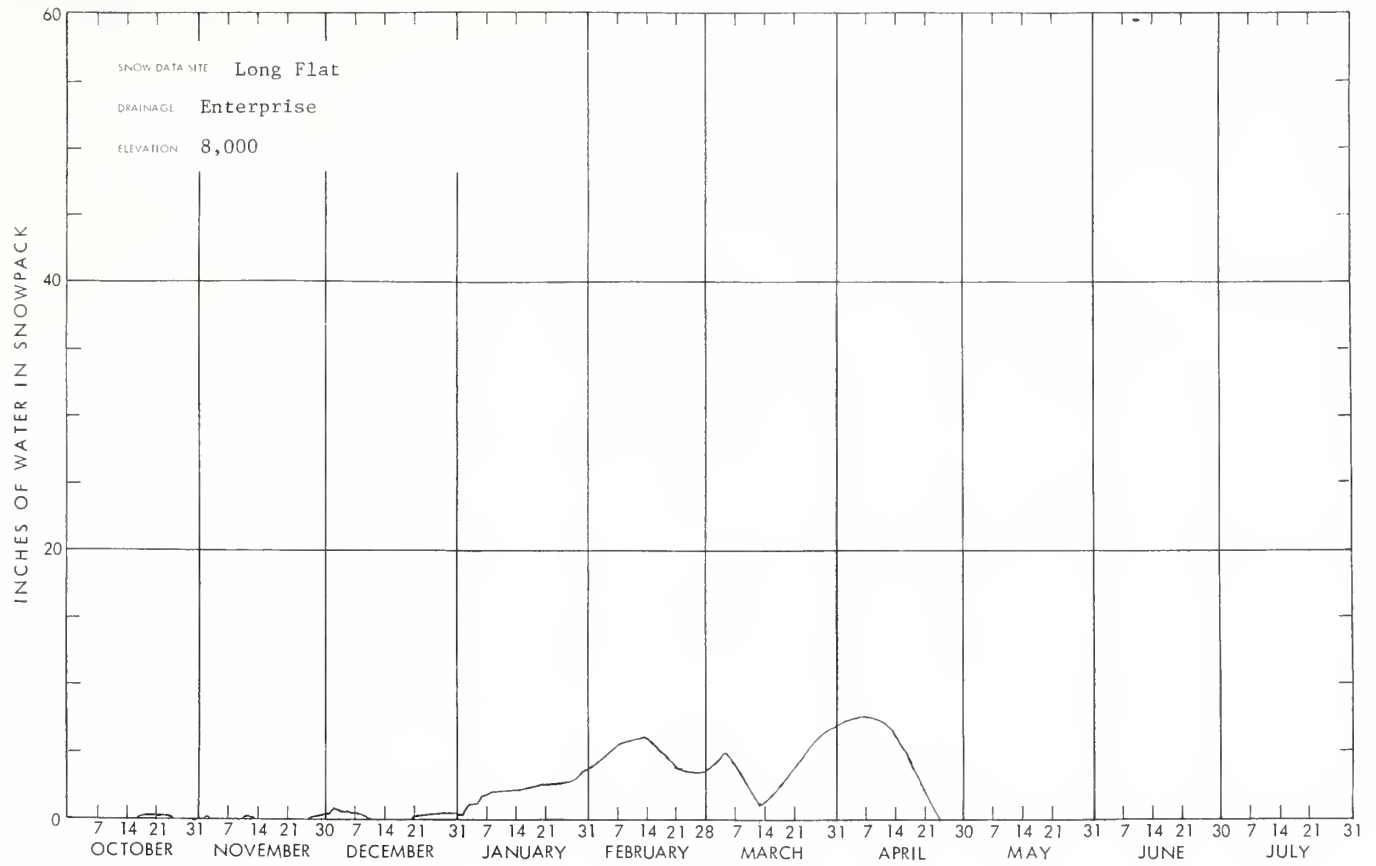


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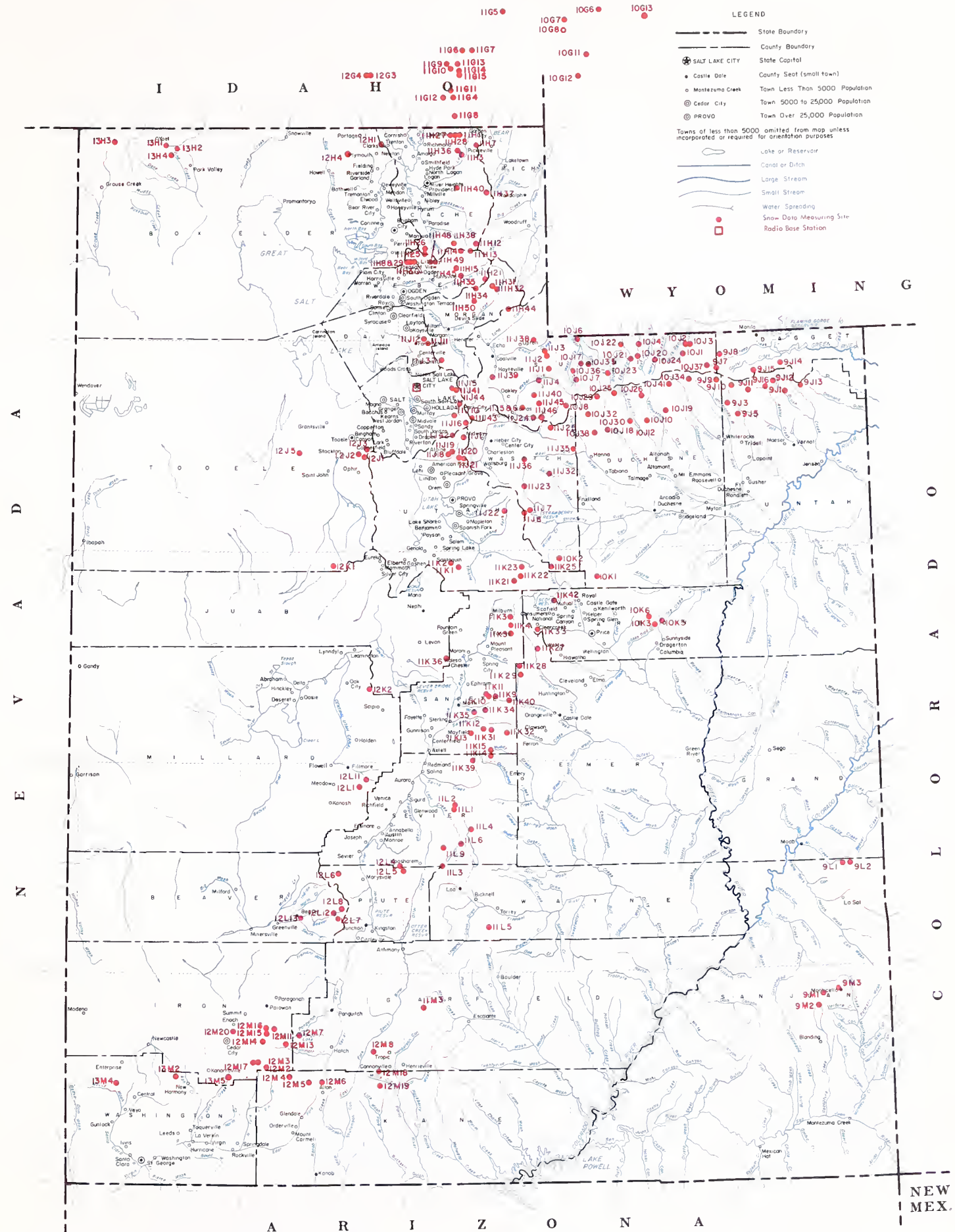








USDA SCS PORTLAND, OR 981 M7-01-22011



- LEGEND
- State Boundary
  - County Boundary
  - SALT LAKE CITY
  - Castle Dale
  - Montezuma Creek
  - Cedar City
  - PROVO
  - Towns of less than 5000 omitted from map unless incorporated or required for orientation purposes
  - Lake or Reservoir
  - Canal or Ditch
  - Large Stream
  - Small Stream
  - Water Spreading
  - Snow Data Measuring Site
  - Radio Base Station

# SNOW COURSES AND RELATED DATA MEASURING SITES

## UTAH

1982



USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adopted for SCS use.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC	TWP.	RGE.	ELEV.
UPPER BEAR RIVER (above Horez, Idaho)													
10G11	W	Big Park	7	27N	11W	8,700	11J25P	U	Sagestone R.S.	9	3S	8E	7,800
10G12	W	Burt's-Killer Ranch	19	29N	11W	7,900	11J26P	U	South Fork R.S.	24	4S	7W	6,100
10G13	W	CCC Camp x	9	29N	11W	7,500	11J27P	U	Timpanogas Gave Camp	27	4S	2E	5,500
10G14	W	Gold Hill	15	1N	9E	10,000	11J28PST	U	Timpanogas Divide	33	4S	3E	8,140
10G15	W	Hayden Fork	25	1N	9E	9,400	10J8PST	U	Timpanogas Divide	33	4S	2E	9,960
10G16	W	Kelly Ranger Station	13	26N	11W	8,200							
10G17	W	Lily Lake	34	2N	10E	9,050							
11H17PST	U	Monte Cristo R.S.	4	8N	10E	8,960							
11H18PST	W	Poison Meadows x	29	30N	11W	8,500							
11H19PST	W	Salt River Summit x	32	29N	11W	7,900							
11H20PST	W	Snyder basin x	15	29N	11W	8,400							
10J10J17P	U	Stillwater Camp	32	2N	10E	8,550							
LOWER BEAR RIVER (below Horez, Idaho)													
11H37PST	U	Bug Lake	18	11N	5E	7,950	12J2	U	Bevan's Cabin	24	4S	4W	6,450
11G11	U	Christensen Ranch	27	13S	4E	5,600	12J3P	U	Deseret Peak	15	4S	7W	7,250
11H38P	U	Cinnamon Creek	5	8N	3E	7,300	11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
11H39P	U	Clarkston Mountain	29	14N	2W	6,300	12J3P	U	Middle Canyon	8	4S	3W	7,000
11H40P	U	Cub River Ranger Station	5	15S	4E	5,400	11J44	U	Mill Creek	25	1S	2E	6,950
11H41P	U	Dry Basin	30	13S	4E	7,900	11J45	U	Rocky Fork	38	4S	3E	8,200
11H42P	U	Creek Flat	31	13S	3E	7,350	11J46	U	Rocky Fork	38	4S	3E	8,200
11H43P	U	Emigrant Summit	21	12S	4E	7,350	11J47	U	Rocky Fork	38	4S	3E	8,200
11H44P	U	Emigrant Canyon (mouth)	21	12S	4E	7,350	11J48	U	Silver Lake (Brighton)	35	2S	3E	8,725
11H45P	U	Herd Hollow	1	16S	4E	7,350	11J49	U	Snow Bird (Sadd Valley)	18	3S	3E	7,700
11H46P	U	Herd Hollow	34 & 35	14N	3E	7,200	12K1PST	U	Vernon Creek	21	10S	5W	7,500
11H47P	U	Horsehide Basin	31	13S	4E	8,000							
11H48P	U	Liberty Narrows	7	13S	4E	8,240							
11H49P	U	Liberty Narrows	16	8N	1E	6,000							
11H50P	U	Little Bear (lower)	22	8N	1E	6,000							
11H51P	U	Little Bear (upper)	22	8N	1E	6,000							
11H52PST	U	Orford Mountain	22	10S	4E	6,550							
11H53P	U	Orford Mountain	22	10S	4E	6,800							
11H54P	U	Shawnee Ridge	15	10S	4E	7,225							
11H55P	U	Shawnee Ridge	15	10S	4E	7,225							
11H56P	U	Shawnee Ridge	15	10S	4E	7,225							
11H57P	U	Shawnee Ridge	15	10S	4E	7,225							
11H58P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H81P	U	Shawnee Ridge	15	10S	4E	7,225							
11H82P	U	Shawnee Ridge	15	10S	4E	7,225							
11H83P	U	Shawnee Ridge	15	10S	4E	7,225							
11H84P	U	Shawnee Ridge	15	10S	4E	7,225							
11H85P	U	Shawnee Ridge	15	10S	4E	7,225							
11H86P	U	Shawnee Ridge	15	10S	4E	7,225							
11H87P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H89P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H107P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H113P	U	Shawnee Ridge	15	10S	4E	7,225							
11H114P	U	Shawnee Ridge	15	10S	4E	7,225							
11H115P	U	Shawnee Ridge	15	10S	4E	7,225							
11H116P	U	Shawnee Ridge	15	10S	4E	7,225							
11H117P	U	Shawnee Ridge	15	10S	4E	7,225							
11H118P	U	Shawnee Ridge	15	10S	4E	7,225							
11H119P	U	Shawnee Ridge	15	10S	4E	7,225							
11H120P	U	Shawnee Ridge	15	10S	4E	7,225							
11H121P	U	Shawnee Ridge	15	10S	4E	7,225							
11H122P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H124P	U	Shawnee Ridge	15	10S	4E	7,225							
11H125P	U	Shawnee Ridge	15	10S	4E	7,225							
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11H127P	U	Shawnee Ridge	15	10S	4E	7,225							
11H128P	U	Shawnee Ridge	15	10S	4E	7,225							



# **Agencies Cooperating in Utah Snow Surveys**

## **U. S. GOVERNMENT AGENCIES**

- U. S. Department of Agriculture
  - Soil Conservation Service
  - Forest Service
- U. S. Department of Commerce
  - NOAA, National Weather Service
- U. S. Department of Interior
  - Bureau of Reclamation
  - Geological Survey
  - National Park Service

## **STATE AGENCIES**

- Utah State University
- Utah State Department of Natural Resources
  - Division of Wildlife Resources
  - Division of Water Resources
  - Division of Water Rights
  - Bear River Commissioner
  - Price River Commissioner
  - Provo River Commissioner
  - Sevier River Commissioners
  - Spanish Fork River Commissioner
  - Utah Lake and Jordan River Commissioner

## **MUNICIPALITIES**

- Manti
- Salt Lake City

## **ORGANIZED PUBLIC AGENCIES**

- Beaver River Water Users Association
- Board of Canal Presidents - Jordan River
- Central Utah Conservancy District
- Emery Canal and Reservoir Company
- Moon Lake Water Users Association
- Ogden River Water Users Association
- Provo River Water Users Association
- Strawberry Water Users Association
- Sevier River Water Users Association
- Weber River Water Users Association
- Weber Basin Conservancy District

## **PRIVATE AGENCIES**

- Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
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necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
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generation, navigation,  
mining and industry

*"The Conservation of Water begins  
with the Snow Survey"*